

Necessary setting

Write viewport setting in head element for smart phone display.

It is general setting.

```
<meta name="viewport" content="width=device-width,initial-scale=1">
```

If It is requirement that not expand, write like the following. ※In general, it is not used because accessibility・usability will be lost.

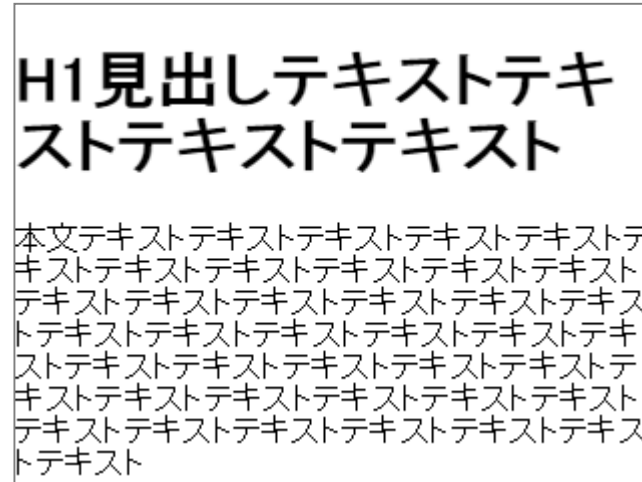
```
<meta name="viewport" content="width=device-width,initial-scale=1.0,minimum-scale=1.0,maximum-scale=1.0,user-scalable=no">
```

In case of no viewport



It is displayed by width 980px.

In case of viewport



It is displayed by CSS pixel (if it is iphone5, it is 320px).

Telephone number

iOS safari can change telephone number to link automatically, but you should unset it because it change continued number to link automatically.

```
<meta name="format-detection" content="telephone=no">
```

Put link on telephone number by hand.

```
<a href="tel:09012345678">090-1234-5678</a>
```

If PC and smart phone have each own URL, set canonical for SEO measure.

In case of

PC URL : <http://www.hogehoge.com/>

Smart phone URL : <http://hogehoge.com/sp/>

Smart phone page Insert PC URL

```
<link rel="canonical" href="http://www.hogehoge.com/">
```

PC page

```
<link rel="alternate" media="only screen and (max-width: 640px)" href="http://www.hoge.com/sp/">
```

Reference <https://developers.google.com/webmasters/mobile-sites/mobile-seo/configurations/separate-urls?hl=ja>

font-family

If you don't designate font-family, It is displayed by Mincho in iOS.
Designate suitable font-family.

Basic setting

```
font-family: Meiryo, "Hiragino Kaku Gothic ProN", arial, sans-serif;
```

Meiryo	For confirming display in Windows
Hiragino Kaku Gothic ProN	For confirming display in Mac
arial	For display measure of alphabet in Android
sans-serif	display by sans-serif (Gothic)

Form parts

New type attribute joined in input element from HTML5. Designate type attribute based on content.

Shift software keyboard that is suitable to input when focus on form parts.

```
<input type="search">
```

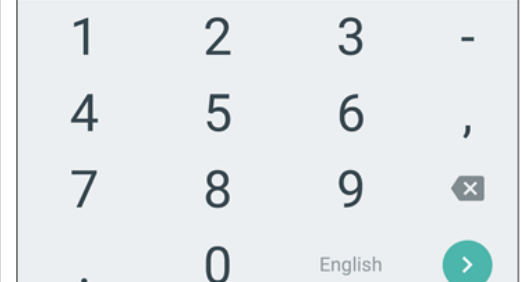
New type attribute

type="search"	Input box of search text
type="tel"	Input box of telephone number
type="url"	Input box of URL
type="email"	Input box of mail address
type="datetime"	Input box of date by UTC (Coordinated universal time)
type="date"	Input box of date
type="month"	Input box of month
type="week"	Input box of week
type="time"	Input box of time
type="datetime-local"	Input box of date not by UTC (Coordinated universal time)
type="number"	Input box of number
type="range"	Input box of range
type="color"	Input box of color

メールアドレス(email)



数値(number)



Reference

<http://dev.classmethod.jp/ria/html5/mobile-html5-form/>
<http://www.htmq.com/html5/input.shtml>



Automatic adjustment of text Unset (iOS safari)

iOS safari adjust automatically and expand text size if smart phone is horizontal.

Write it as default setting of CSS to display text size as same as vertical even if smart phone is horizontal.

```
body { -webkit-text-size-adjust: 100%; }
```

It expand screen if font size of form is smaller than 16px when focus on form.

If you don't want to expand, you should set font size of form bigger than 16px or setting viewport.

※In general, it is not used because accessibility・usability will be lost.

```
<meta name="viewport" content="width=device-width,initial-scale=1.0,minimum-scale=1.0,maximum-scale=1.0,user-scalable=no">
```

Display shift of PC/SP page

There are pattern that show different page by PC and smart phone and input skill of display shift.
Control by server side or browser. In case of control by browser, confirm requirement and implement it.

Example of display shift

Access from smart phone

