

[Skip to content](#)

Braid Hair Curves

Deforms existing hair curves into braids using guide curves.



Inputs

Geometry

Guide Index

Guide index map which describes which curve to use as the center of each braid group. If this input is provided, it has priority over an existing map in the `guide_curve_index` attribute, and the *Guide Distance* and *Guide Mask* attribute will be unused.

Guide Distance

Minimum distance between two guides for new guide map.

Guide Mask

Mask for which curves are eligible to be selected as guides.

Existing Guide Map

Use the existing guide map attribute if available. If this is false, and the *Guide Index* input isn't provided, the *Guide Distance* and *Guide Mask* input will be used to generate a new [guide map](#) for this node. Creating the guide map in a separate node or modifier gives more complete control over its creation.

Factor

Factor to blend overall effect.

Subdivision

Subdivision level applied before deformation.

Braid Start

Percentage along each curve to blend deformation from the root.

Radius

Overall radius of the braids.

Shape

Shape of the braid radius along each curve.

Factor Min

Factor of the minimum radius of the braids.

Factor Max

Factor of the maximum radius of the braids.

Frequency

Frequency factor of the braids. This input can vary for different points of the same curve.

Thickness

Thickness of each strand of hair.

Thickness Shape

Shape adjustment of the strand thickness for the braids.

Shape Asymmetry

Asymmetry of the shape adjustment of the strand thickness.

Flare Length

Length of the flare at the end of the braid.

Flare Opening

Opening radius of the flare at the tip of the braid.

Hair Tie

Geometry used for the hair tie instance (priority).

Hair Tie

Object used for the hair tie instance.

Hair Tie Scale

Scale of the hair tie instance.

Properties

This node has no properties.

Outputs

Geometry

Guide Index

Guide index map that was used for the operation. If a new guide map is created by this node, it will be stored for this output.

Flare Parameter

Parameter from 0 to 1 along the flare.

Strand Index

Index of the group of hair in the braid that each hair curve belongs to.

[Previous](#)
[Hair Guides Nodes](#)

Copyright © : This page is licensed under a CC-BY-SA 4.0 Int. License

[Next](#)
[Clump Hair Curve](#)

Made with [Furo](#)

Last updated on 2025-05-10

[View Source](#)
[View Translation](#)
[Report issue on this page](#)