Latent dimension with size 6

Latent dimension with size 8

Latent dimension with size 10

Latent dimension with size 4

Conclusion

Apparently as we increase the latent size the generated images has more details and less blur.

In size 4 we can not see details of most of the images.

In size 8 some of details like eye shapes are more correctly generated than 4 and 6 latent.

In size 10 more colors appeared in addition to mouth and nose curves.