

Converting Colors

Hex(B55D9F)

Have a look what the booklet for
Hex(B55D9F) contains.

Hex(B55D9F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(B55D9F)

Conversions

Conversions Part 1

Format	Color
Hex	B55D9F
RGB	181, 93, 159
RGB Percent	71%, 36%, 62%
CMY	0.2902, 0.6353, 0.3765
CMYK	0.00, 0.49, 0.12, 0.29
HSL	315°, 37%, 54%
HSV	315°, 49%, 71%
XYZ	29.2284, 20.1557, 35.1508
YIQ	126.8360, 31.2620, 39.1820

Conversions

Conversions Part 2

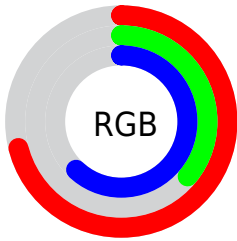
Format	Color
R_{YB}	181, 93, 159
Decimal	11885983
CIE _{Lab}	52.01, 44.33, -19.94
CIE _{LCh}	52, 48.607, 335.785
Yxy	20.1557, 0.3458, 0.2384
Android (android.graphics.Color)	4290076063 (0xFFB55D9F)
YUV	126.8360, 15.8569, 47.5018
Hunter-Lab	44.8951, 37.6440, -14.9949

Details

The Hex color **B55D9F** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **5DB573**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **EF92D6**, and **7E296B** is the 20% darker color. If you saturate the color by 10%, you get **B54B9A**, and if you desaturate by 10%, it is **B56FA4**.

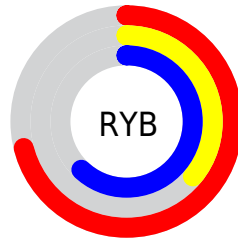
Distribution



Red (71%)

Green (36%)

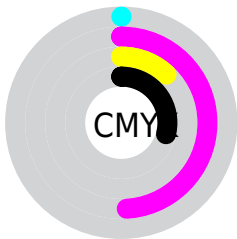
Blue (62%)



Red (71%)

Yellow (36%)

Blue (62%)

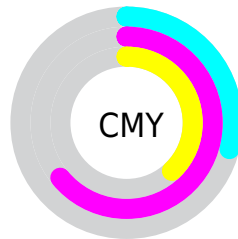


Cyan (0%)

Magenta (49%)

Yellow (12%)

Black (29%)



Cyan (29%)

Magenta (64%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color B55D9F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B55D9F by changing the saturation by 10% instead.

 B55D9F

 B55D9F

FFFFFF

 994385

 EF92D6

 7E296B

 FFADF2

 630A53

 FFC9FF

 4A003C

 FFE6FF

 320026

 11000F

 000000

 B55D9F

 B55D9F

 B54B9A

 B56FA4

 B53996

 B581A8

 B52791

 B593AD

 B5158D

 B5A5B1

 B50388

 B5B8B6

 B50088

 B5CABA

 B5DCBF

 B5EEC3

 B5FFC8

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



896EC0



B55D9F



C85676

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B55D9F



8B7D22



008FAC

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B55D9F



5DB573

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009083



B55D9F



5F8734

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B55D9F



AD6D2E



148E58



0089C8

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B55D9F



C75A5A



148E58



00909F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B55D9F



EBC7E2



735DB5



756070



F5F5F5



757575

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B55D9F



EB63C9



B55D73



595057



990073



1A0013

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B55D9F



EB63C9



5DB59F



595057



990073



1A0013

Previews

White Background



This preview shows how the Hex color B55D9F looks on a white background.

Color Contrast Check

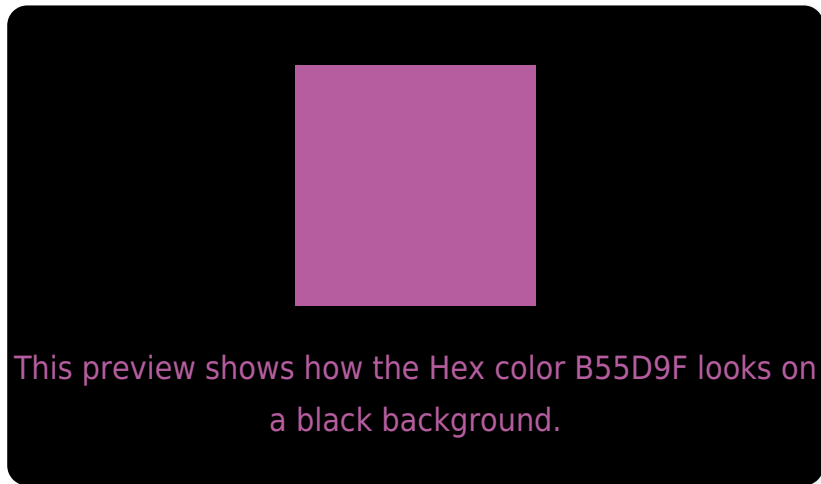
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

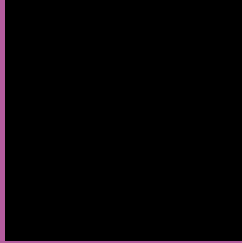
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B55D9F Background



This preview shows how black text looks on a background with the Hex color B55D9F.

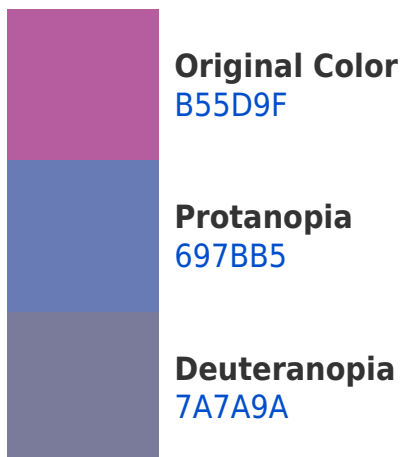



This preview shows how white text looks on a background with the Hex color B55D9F.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
B0676F

Trichromacy



Original Color
B55D9F



Protanomaly
8570AD



Deuteranomaly
8F6F9C



Tritanomaly
B26380

Monochromacy



Original Color
B55D9F



Achromatopsia
7F7F7F



Achromatomaly
93738B

CSS Examples

Text

The CSS property to change the color of the text to Hex B55D9F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B55D9F looks like.

```
.text, #text, p{  
    color:#B55D9F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B55D9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B55D9F
}
```

Border

The CSS property to change the border of an element to Hex B55D9F is called "border". The border property can be set on classes, ids or directly on the HTML element.

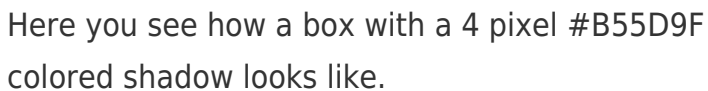
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B55D9F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B55D9F }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #B55D9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B55D9F; -webkit-box-shadow:4px 4px  
4px 4px #B55D9F; box-shadow:4px 4px 4px  
4px #B55D9F }
```

Background

The CSS property to change the background color of an element to Hex B55D9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B55D9F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B55D9F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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