

Converting Colors

Hex(650CBE)

Have a look what the booklet for
Hex(650CBE) contains.

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Color

Hex(650CBE)

Conversions

Conversions Part 1

Format	Color
Hex	650CBE
RGB	101, 12, 190
RGB Percent	40%, 5%, 75%
CMY	0.6039, 0.9529, 0.2549
CMYK	0.47, 0.94, 0.00, 0.25
HSL	270°, 88%, 40%
HSV	270°, 94%, 75%
XYZ	14.7926, 6.7474, 49.2379
YIQ	58.9030, -4.0940, 74.2260

Conversions

Conversions Part 2

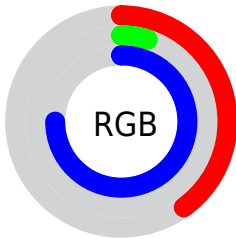
Format	Color
R_{YB}	101, 12, 190
Decimal	6622398
CIE Lab	31.22, 65.40, -72.09
CIE LCh	31, 97.332, 312.212
Yxy	6.7474, 0.2090, 0.0953
Android (android.graphics.Color)	4284812478 (0xFF650CBE)
YUV	58.9030, 64.6308, 36.9191
Hunter-Lab	25.9757, 56.1944, -94.2036

Details

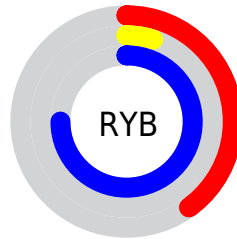
The Hex color **650CBE** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **65BE0C**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **A04CF8**, and **220087** is the 20% darker color. If you saturate the color by 10%, you get **5F00BE**, and if you desaturate by 10%, it is **6F1FBE**.

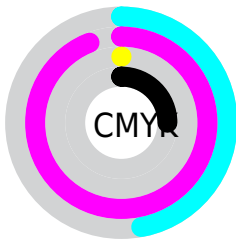
Distribution



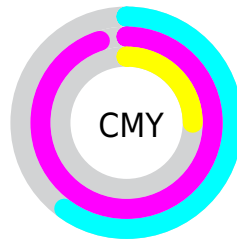
- Red (40%)
- Green (5%)
- Blue (75%)



- Red (40%)
- Yellow (5%)
- Blue (75%)



- Cyan (47%)
- Magenta (94%)
- Yellow (0%)
- Black (25%)



- Cyan (60%)
- Magenta (95%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 650CBE 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 650CBE by changing the saturation by 10% instead.

 650CBE

 650CBE

FFFFFF

 4600A2

 A04CF8

 220087

 BE67FF

 00006D

 DC83FF

 000053

 FB9FFF

 00063B

 FFBBFF

 000224

 FFD7FF

 00010D

 FFF5FF

 000000

 650CBE

 650CBE

■ 5F00BE

■ 6F1FBE

■ 7832BE

■ 8245BE

■ 8B58BE

■ 956BBE

■ 9E7EBE

■ A891BE

■ B1A4BE

■ BBB7BE

Harmonies

Analogous

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



004DE5



650CBE



B2007A

Triad

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



650CBE



7E3300



006268

Complementary

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



650CBE



65BE0C

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.



006013



650CBE



3D5100

Square

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



650CBE



AC0000



005C00



0064B2

Rectangle

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



650CBE



C10048



005C00



00624E

Sweetspot

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



650CBE



D5B2F7



0C65BE



68527D



FCFCFC



7D7D7D

Same Dimension

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



650CBE



7C00F7



BE0CBE



5A555E



4F009E



0F001F

Inverse Universe

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



BE0C65



F7007C



0CBE0C



5E555A



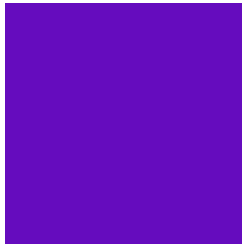
9E004F



1F000F

Previews

White Background



This preview shows how the Hex color 650CBE looks on a white background.

Color Contrast Check

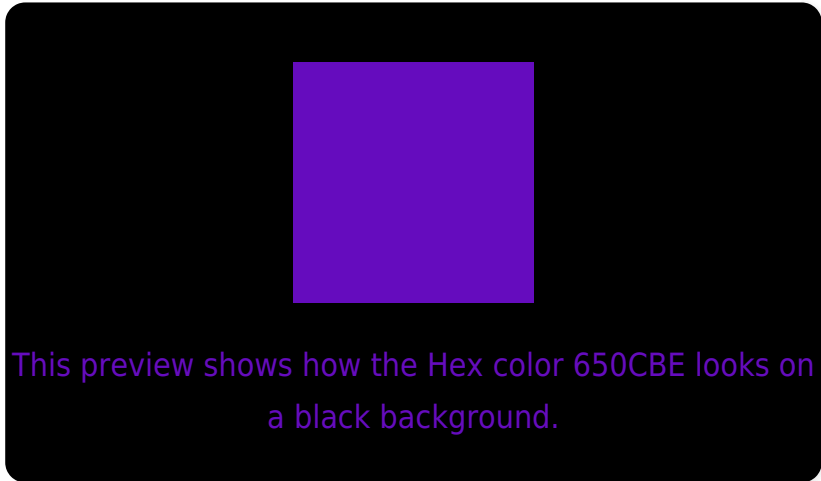
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

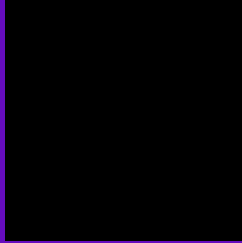
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 650CBE Background



This preview shows how black text looks on a background with the Hex color 650CBE.



This preview shows how white text looks on a background with the Hex color 650CBE.

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



Original Color
650CBE

Protanopia
004898

Deuteranopia
004D82



Tritanopia
494B50

Trichromacy



Original Color
650CBE



Protanomaly
2532A6



Deuteranomaly
253598



Tritanomaly
533478

Monochromacy



Original Color
650CBE



Achromatopsia
3B3B3B



Achromatomaly
4A2A6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 650CBE 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 #650CBE looks like.

```
.text, #text, p{  
    color:#650CBE  
}
```

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 #650CBE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #650CBE
}
```

Border

The CSS property to change the border of an element to Hex 650CBE is called "border". The border property can be set on classes, ids or directly on the HTML element.

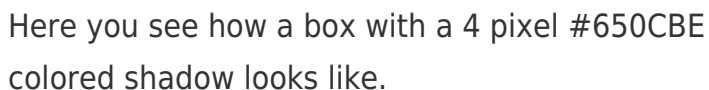
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#650CBE }
```

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

```
.border{ border-color:#650CBE }
```

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



Here you see how a box with a 4 pixel #650CBE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #650CBE; -webkit-box-shadow:4px 4px  
4px 4px #650CBE; box-shadow:4px 4px 4px  
4px #650CBE }
```

Background

The CSS property to change the background color of an element to Hex 650CBE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#650CBE }
```

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

```
.background{ background-color:#650CBE }
```

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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