

Converting Colors

Hex(665DCC)

Have a look what the booklet for
Hex(665DCC) contains.

Hex(665DCC)	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>	28

Color

Hex(665DCC)

Conversions

Conversions Part 1

Format	Color
Hex	665DCC
RGB	102, 93, 204
RGB Percent	40%, 36%, 80%
CMY	0.6000, 0.6353, 0.2000
CMYK	0.50, 0.54, 0.00, 0.20
HSL	245°, 52%, 58%
HSV	245°, 54%, 80%
XYZ	20.2929, 15.0131, 58.9550
YIQ	108.3450, -30.2670, 36.4290

Conversions

Conversions Part 2

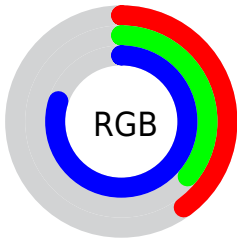
Format	Color
R_{YB}	102, 93, 204
Decimal	6708684
CIE _{Lab}	45.65, 33.10, -56.71
CIE _{LCh}	46, 65.666, 300.268
Yxy	15.0131, 0.2153, 0.1593
Android (android.graphics.Color)	4284898764 (0xFF665DCC)
YUV	108.3450, 47.1579, -5.5646
Hunter-Lab	38.7468, 25.6794, -63.0898

Details

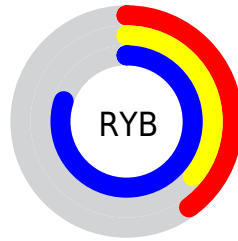
The Hex color **665DCC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **C3CC5D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9F90FF**, and **282F95** is the 20% darker color. If you saturate the color by 10%, you get **5349CC**, and if you desaturate by 10%, it is **7971CC**.

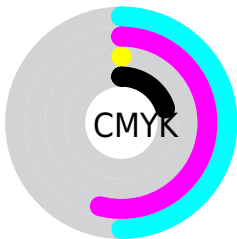
Distribution



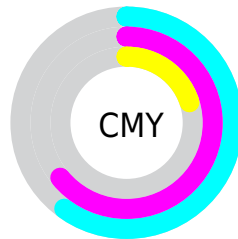
- Red (40%)
- Green (36%)
- Blue (80%)



- Red (40%)
- Yellow (36%)
- Blue (80%)



- Cyan (50%)
- Magenta (54%)
- Yellow (0%)
- Black (20%)



- Cyan (60%)
- Magenta (64%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 665DCC 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 665DCC by changing the saturation by 10% instead.

■ 665DCC

■ 665DCC

FFFFFF

■ 4945B0

■ 9F90FF

■ 282F95

■ BCAAFF

■ 00197A

■ D9C6FF

■ 000561

■ F7E2FF

■ 000048

FFFEFF

■ 000431

■ 00011B

■ 000000

■ 665DCC

■ 665DCC

■ 5349CC

■ 7971CC

■ 4134CC

■ 8B86CC

■ 2E20CC

■ 9E9ACC

■ 1B0BCC

■ B1AFCC

■ 1100CC

■ C4C3CC

■ D6D7CC

■ E9ECCC

■ FCFFCC

■ FFFFCC

Harmonies

Analogous

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



0073DB



665DCC



AD3FA4

Triad

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



665DCC



AD5300



00846B

Complementary

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



665DCC



C3CC5D

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.



008031



665DCC



836A00

Square

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



665DCC



C73638



4B7900



0084A2

Rectangle

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



665DCC



C32C80



4B7900



008358

Sweetspot

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



665DCC



DAD6FF



5DC5CC



696780



000000



808080

Same Dimension

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



665DCC



6759FF



9C5DCC



5D5C66



0D00A6



030026

Inverse Universe

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



CC5DC3



FF59F2



8DCC5D



665C65



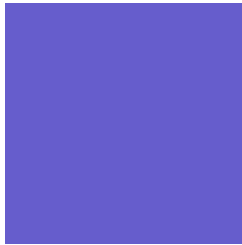
A60098



260023

Previews

White Background



This preview shows how the Hex color 665DCC looks on a white background.

Color Contrast Check

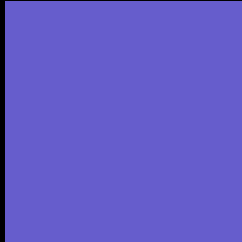
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 665DCC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

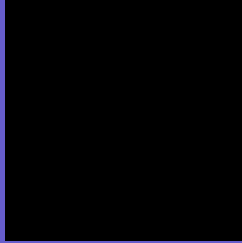
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 665DCC Background



This preview shows how black text looks on a background with the Hex color 665DCC.



This preview shows how white text looks on a background with the Hex color 665DCC.

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



Trichromacy



Original Color
665DCC

Protanomaly
3964D4

Tritanomaly
566A98

Monochromacy



Original Color
665DCC

Achromatopsia
6C6C6C

Achromatomaly
6A678F

CSS Examples

Text

The CSS property to change the color of the text to Hex 665DCC 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 #665DCC looks like.

```
.text, #text, p{  
    color:#665DCC  
}
```

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 #665DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #665DCC
}
```

Border

The CSS property to change the border of an element to Hex 665DCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

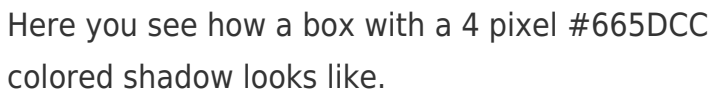
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#665DCC }
```

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

```
.border{ border-color:#665DCC }
```

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



Here you see how a box with a 4 pixel #665DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #665DCC; -webkit-box-shadow:4px 4px  
4px 4px #665DCC; box-shadow:4px 4px 4px  
4px #665DCC }
```

Background

The CSS property to change the background color of an element to Hex 665DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#665DCC }
```

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

```
.background{ background-color:#665DCC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor