

Converting Colors

Hex(664AF5)

Have a look what the booklet for
Hex(664AF5) contains.

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Color

Hex(664AF5)

Conversions

Conversions Part 1

Format	Color
Hex	664AF5
RGB	102, 74, 245
RGB Percent	40%, 29%, 96%
CMY	0.6000, 0.7098, 0.0392
CMYK	0.58, 0.70, 0.00, 0.04
HSL	250°, 90%, 63%
HSV	250°, 70%, 96%
XYZ	24.4097, 14.3149, 87.8627
YIQ	101.8660, -38.2030, 59.1170

Conversions

Conversions Part 2

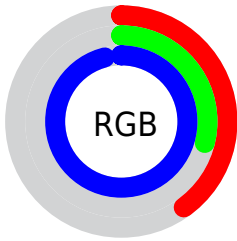
Format	Color
R _Y B	102, 74, 245
Decimal	6703861
CIE Lab	44.68, 56.26, -81.58
CIE LCh	45, 99.096, 304.593
Yxy	14.3149, 0.1928, 0.1131
Android (android.graphics.Color)	4284893941 (0xFF664AF5)
YUV	101.8660, 70.5651, 0.1175
Hunter-Lab	37.8351, 48.9499, -111.2021

Details

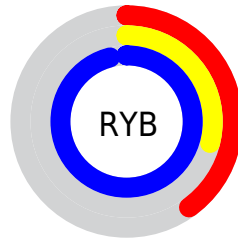
The Hex color **664AF5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **D9F54A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A57DFF**, and **0918BB** is the 20% darker color. If you saturate the color by 10%, you get **5231F5**, and if you desaturate by 10%, it is **7A62F5**.

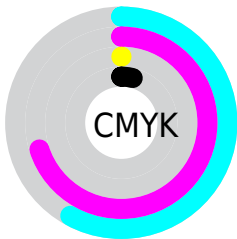
Distribution



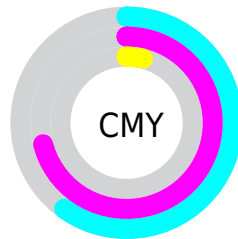
- Red (40%)
- Green (29%)
- Blue (96%)



- Red (40%)
- Yellow (29%)
- Blue (96%)



- Cyan (58%)
- Magenta (70%)
- Yellow (0%)
- Black (4%)



- Cyan (60%)
- Magenta (71%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 664AF5 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 664AF5 by changing the saturation by 10% instead.

 664AF5

 664AF5

FFFFFF

 4331D8

 A57DFF

 0918BB

 C498FF

 00009F

 E3B3FF

 000084

 FFCFFF

 00006A

 FFECFF

 000B51

 000539

 000222

 000008

■ 664AF5

■ 664AF5

■ 5231F5

■ 7A62F5

■ 3D19F5

■ 8F7BF5

■ 2900F5

■ A393F5

■ 2800F5

■ B8ACF5

■ CCC4F5

■ E1DDF5

■ F5F6F5

■ FFFFF5

Harmonies

Analogous

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



0073FF



664AF5



D000B2

Triad

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



664AF5



B74600



008875

Complementary

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



664AF5



D9F54A

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.



008415



664AF5



766B00

Square

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



664AF5



E3000D



007D00



0089C7

Rectangle

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



664AF5



EB007D



007D00



008758

Sweetspot

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



664AF5



D2C9FF



4ADBf5



656080



000000



808080

Same Dimension

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



664AF5



4C29FF



B94AF5



706E7A



1E00BA



0A003B

Inverse Universe

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



F54AD9



FF29DC



86F54A



7A6E78



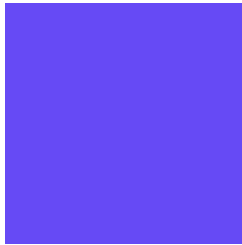
BA009C



3B0031

Previews

White Background



This preview shows how the Hex color 664AF5 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



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

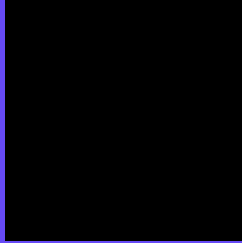
Any Text WCAG AA × Fail

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 664AF5 Background



This preview shows how black text looks on a background with the Hex color 664AF5.



This preview shows how white text looks on a background with the Hex color 664AF5.

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
33727B

Trichromacy



Original Color
664AF5



Protanomaly
255BE1



Deuteranomaly
2560CE



Tritanomaly
4663A7

Monochromacy



Original Color
664AF5



Achromatopsia
666666



Achromatomaly
665C9A

CSS Examples

Text

The CSS property to change the color of the text to Hex 664AF5 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 #664AF5 looks like.

```
.text, #text, p{  
    color:#664AF5  
}
```

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 #664AF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #664AF5
}
```

Border

The CSS property to change the border of an element to Hex 664AF5 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
#664AF5 }
```

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

```
.border{ border-color:#664AF5 }
```

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

Here you see how a box with a 4 pixel #664AF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #664AF5; -webkit-box-shadow:4px 4px  
4px 4px #664AF5; box-shadow:4px 4px 4px  
4px #664AF5 }
```

Background

The CSS property to change the background color of an element to Hex 664AF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#664AF5 }
```

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

```
.background{ background-color:#664AF5 }
```

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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