

Converting Colors

Hex(662BD4)

Have a look what the booklet for
Hex(662BD4) contains.

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Color

Hex(662BD4)

Conversions

Conversions Part 1

Format	Color
Hex	662BD4
RGB	102, 43, 212
RGB Percent	40%, 17%, 83%
CMY	0.6000, 0.8314, 0.1686
CMYK	0.52, 0.80, 0.00, 0.17
HSL	261°, 66%, 50%
HSV	261°, 80%, 83%
XYZ	18.2270, 9.3060, 63.1229
YIQ	79.9070, -19.0850, 65.0670

Conversions

Conversions Part 2

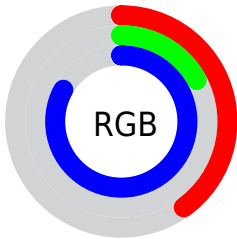
Format	Color
R_{YB}	102, 43, 212
Decimal	6695892
CIE _{Lab}	36.57, 61.75, -76.13
CIE _{LCh}	37, 98.028, 309.046
Yxy	9.3060, 0.2011, 0.1027
Android (android.graphics.Color)	4284885972 (0xFF662BD4)
YUV	79.9070, 65.1218, 19.3756
Hunter-Lab	30.5057, 53.2679, -101.3297

Details

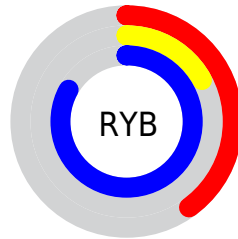
The Hex color **662BD4** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **99D42B**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **A360FF**, and **1D009C** is the 20% darker color. If you saturate the color by 10%, you get **5816D4**, and if you desaturate by 10%, it is **7440D4**.

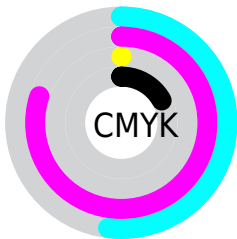
Distribution



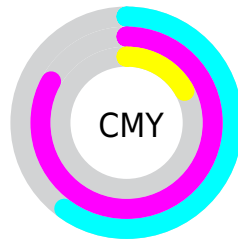
- Red (40%)
- Green (17%)
- Blue (83%)



- Red (40%)
- Yellow (17%)
- Blue (83%)



- Cyan (52%)
- Magenta (80%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (83%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 662BD4 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 662BD4 by changing the saturation by 10% instead.

662BD4

662BD4

FFFFFF

460AB8

A360FF

1D009C

C17BFF

000081

DF96FF

000067

FEB2FF

00074E

FFCEFF

000536

FFEBFF

000220

000003

000000

■ 662BD4

■ 662BD4

■ 5816D4

■ 7440D4

■ 4A01D4

■ 8255D4

■ 4A00D4

■ 8F6BD4

■ 9D80D4

■ AB95D4

■ B9AAD4

■ C7BFD4

■ D4D5D4

■ E2EAD4

Harmonies

Analogous

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



005CF8



662BD4



BE0090

Triad

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



662BD4



943A00



00716D

Complementary

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



662BD4



99D42B

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.



006E14



662BD4



545B00

Square

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



662BD4



C20000



006900



0072BA

Rectangle

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



662BD4



D2005D



006900



007052

Sweetspot

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



662BD4



D7C2FF



2B9CD4



675B80



000000



808080

Same Dimension

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



662BD4



600AFF



B82BD4



64606B



3C00AB



0F002B

Inverse Universe

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



D42B99



FF0AAA



47D42B



6B6067



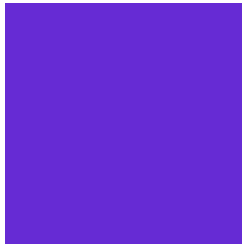
AB006F



2B001C

Previews

White Background



This preview shows how the Hex color 662BD4 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

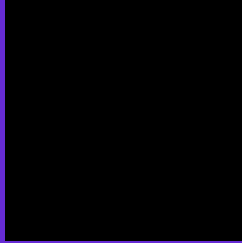
Any Text WCAG AA × Fail

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 662BD4 Background



This preview shows how black text looks on a background with the Hex color 662BD4.

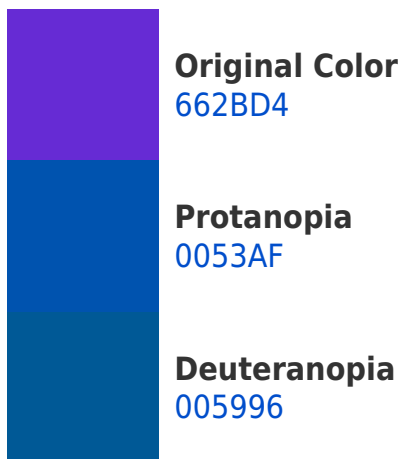



This preview shows how white text looks on a background with the Hex color 662BD4.

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
435A61

Trichromacy



Original Color
662BD4



Protanomaly
2544BC



Deuteranomaly
2548AD



Tritanomaly
50498B

Monochromacy



Original Color
662BD4



Achromatopsia
505050



Achromatomaly
584380

CSS Examples

Text

The CSS property to change the color of the text to Hex 662BD4 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 #662BD4 looks like.

```
.text, #text, p{  
    color:#662BD4  
}
```

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 #662BD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #662BD4
}
```

Border

The CSS property to change the border of an element to Hex 662BD4 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
#662BD4 }
```

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

```
.border{ border-color:#662BD4 }
```

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

Here you see how a box with a 4 pixel #662BD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #662BD4; -webkit-box-shadow:4px 4px  
4px 4px #662BD4; box-shadow:4px 4px 4px  
4px #662BD4 }
```

Background

The CSS property to change the background color of an element to Hex 662BD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#662BD4 }
```

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

```
.background{ background-color:#662BD4 }
```

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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