

Converting Colors

Hex(6642D5)

Have a look what the booklet for
Hex(6642D5) contains.

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Color

Hex(6642D5)

Conversions

Conversions Part 1

Format	Color
Hex	6642D5
RGB	102, 66, 213
RGB Percent	40%, 26%, 84%
CMY	0.6000, 0.7412, 0.1647
CMYK	0.52, 0.69, 0.00, 0.16
HSL	255°, 64%, 55%
HSV	255°, 69%, 84%
XYZ	19.4379, 11.5253, 64.1509
YIQ	93.5220, -25.7310, 53.3490

Conversions

Conversions Part 2

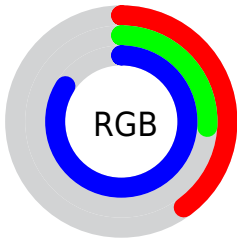
Format	Color
R_{YB}	102, 66, 213
Decimal	6701781
CIE _{Lab}	40.45, 51.26, -70.34
CIE _{LCh}	40, 87.031, 306.083
Yxy	11.5253, 0.2044, 0.1212
Android (android.graphics.Color)	4284891861 (0xFF6642D5)
YUV	93.5220, 58.9027, 7.4352
Hunter-Lab	33.9489, 42.7920, -88.2718

Details

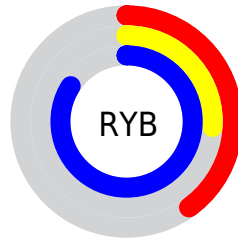
The Hex color **6642D5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **B1D542**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **A275FF**, and **210F9D** is the 20% darker color. If you saturate the color by 10%, you get **562DD5**, and if you desaturate by 10%, it is **7657D5**.

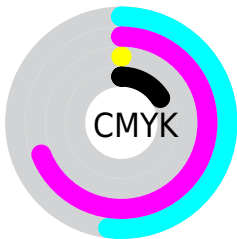
Distribution



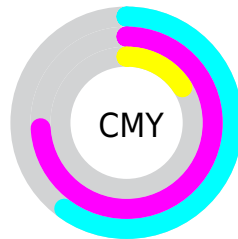
- Red (40%)
- Green (26%)
- Blue (84%)



- Red (40%)
- Yellow (26%)
- Blue (84%)



- Cyan (52%)
- Magenta (69%)
- Yellow (0%)
- Black (16%)



















- Cyan (60%)
- Magenta (74%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6642D5 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 6642D5 by changing the saturation by 10% instead.

 6642D5	 6642D5
 FFFFFFFF	 4729B9
 A275FF	 210F9D
 BF8FFF	 000082
 DDAAFF	 000068
 FCC6FF	 00024F
 FFE2FF	 000537
	 000221
	 000005
	 000000

■ 6642D5

■ 6642D5

■ 562DD5

■ 7657D5

■ 4617D5

■ 866DD5

■ 3602D5

■ 9682D5

■ 3400D5

■ A697D5

■ B6ADD5

■ C7C2D5

■ D7D7D5

■ E7ECD5

■ F7FFD5

Harmonies

Analogous

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



0066F1



6642D5



BB009B

Triad

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



6642D5



A14300



007A6D

Complementary

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



6642D5



B1D542

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.



00771E



6642D5



686200

Square

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



6642D5



C8000C



007100



007BB3

Rectangle

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



6642D5



D1006C



007100



007954

Sweetspot

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



6642D5



D7C9FF



42B3D5



676080



000000



808080

Same Dimension

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



6642D5



5F2BFF



AE42D5



63606B



2A00AB



0B002B

Inverse Universe

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



D542B1



FF2BCB



69D542



6B6068



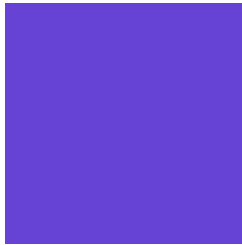
AB0081



2B0021

Previews

White Background



This preview shows how the Hex color 6642D5 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

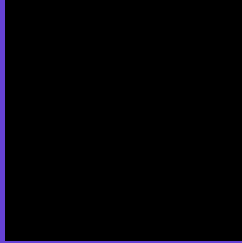
Any Text WCAG AA × Fail

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 6642D5 Background



This preview shows how black text looks on a background with the Hex color 6642D5.

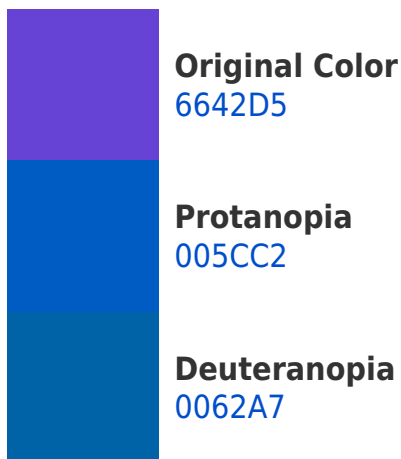



This preview shows how white text looks on a background with the Hex color 6642D5.

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](#).

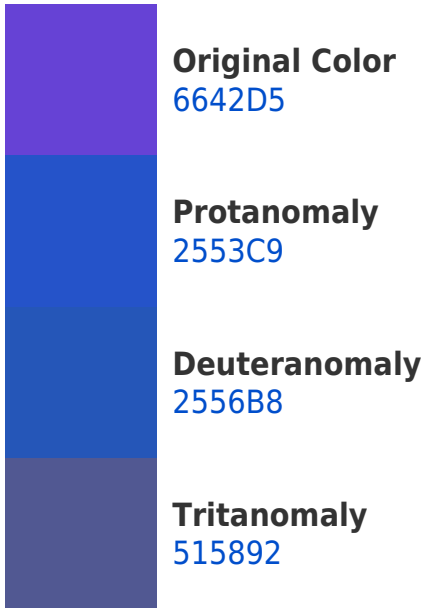
Dichromacy



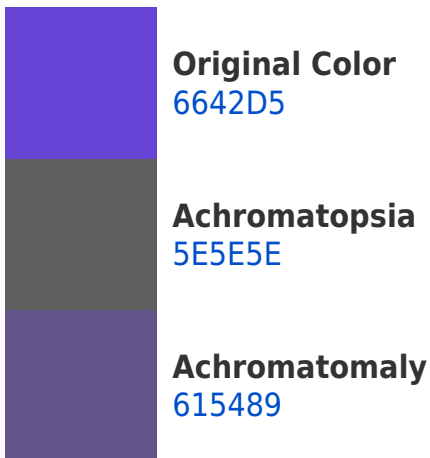


Tritanopia
45646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6642D5 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 #6642D5 looks like.

```
.text, #text, p{  
    color:#6642D5  
}
```

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 #6642D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6642D5
}
```

Border

The CSS property to change the border of an element to Hex 6642D5 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".

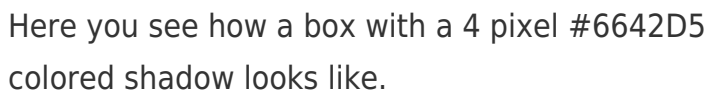
```
.border, #border, table{ border:4px solid
#6642D5 }
```

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

```
.border{ border-color:#6642D5 }
```

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

Here you see how a box with a 4 pixel #6642D5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6642D5; -webkit-box-shadow:4px 4px  
4px 4px #6642D5; box-shadow:4px 4px 4px  
4px #6642D5 }
```

Background

The CSS property to change the background color of an element to Hex 6642D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6642D5 }
```

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

```
.background{ background-color:#6642D5 }
```

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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