

Converting Colors

Hex(6245C4)

Have a look what the booklet for
Hex(6245C4) contains.

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Color

Hex(6245C4)

Conversions

Conversions Part 1

Format	Color
Hex	6245C4
RGB	98, 69, 196
RGB Percent	38%, 27%, 77%
CMY	0.6157, 0.7294, 0.2314
CMYK	0.50, 0.65, 0.00, 0.23
HSL	254°, 52%, 52%
HSV	254°, 65%, 77%
XYZ	17.1289, 10.8384, 53.4138
YIQ	92.1490, -23.4830, 45.6450

Conversions

Conversions Part 2

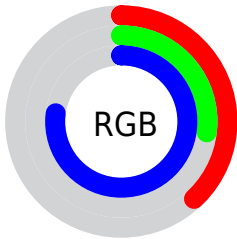
Format	Color
R _Y B	98, 69, 196
Decimal	6440388
CIE Lab	39.31, 44.03, -62.38
CIE LCh	39, 76.353, 305.217
Yxy	10.8384, 0.2105, 0.1332
Android (android.graphics.Color)	4284630468 (0xFF6245C4)
YUV	92.1490, 51.1985, 5.1313
Hunter-Lab	32.9218, 35.2590, -73.1495

Details

The Hex color **6245C4** 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 **A7C445**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **9C77FE**, and **22168D** is the 20% darker color. If you saturate the color by 10%, you get **5331C4**, and if you desaturate by 10%, it is **7159C4**.

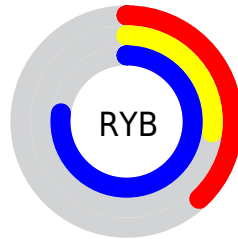
Distribution



Red (38%)

Green (27%)

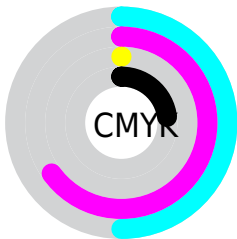
Blue (77%)



Red (38%)

Yellow (27%)

Blue (77%)

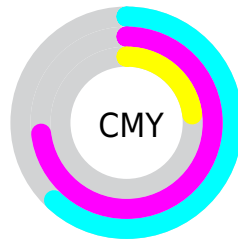


Cyan (50%)

Magenta (65%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (73%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6245C4 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 6245C4 by changing the saturation by 10% instead.

■ 6245C4

■ 6245C4

FFFFFF

■ 442DA8

■ 9C77FE

■ 22168D

■ B991FF

■ 000073

■ D6ACFF

■ 00005A

■ F4C8FF

■ 000741

■ FFE4FF

■ 00032A

■ 000114

■ 000000

■ 6245C4

■ 6245C4

5331C4

7159C4

441EC4

806CC4

350AC4

8F80C4

2D00C4

9E93C4

AEA7C4

BDBBC4

CCCEC4

DBE2C4

EAF5C4

Harmonies

Analogous

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



0062DB



6245C4



AC0192

Triad

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



6245C4



994400



007566

Complementary

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



6245C4



A7C445

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.



007223



6245C4



685E00

Square

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



6245C4



BB0C18



1D6C00



0075A4

Rectangle

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



6245C4



C00069



1D6C00



007450

Sweetspot

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



6245C4



DACFFB



45A8C4



696280



000000



808080

Same Dimension

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



6245C4



6638FF



A045C4



595761



2500A1



080021

Inverse Universe

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



C445A7



FF38D2



69C445



61575F



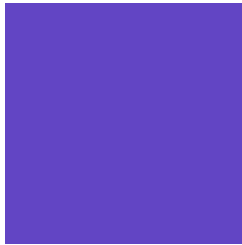
A1007C



21001A

Previews

White Background



This preview shows how the Hex color 6245C4 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

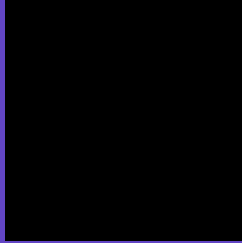
Any Text WCAG AA × Fail

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 6245C4 Background



This preview shows how black text looks on a background with the Hex color 6245C4.

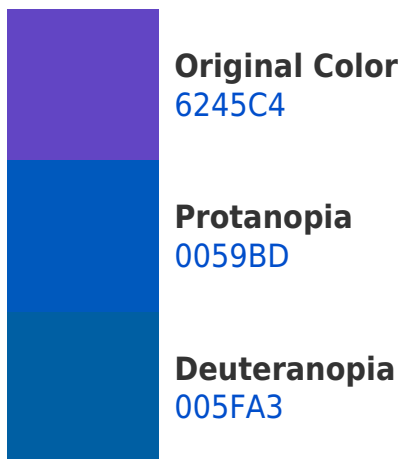


This preview shows how white text looks on a background with the Hex color 6245C4.

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](#).

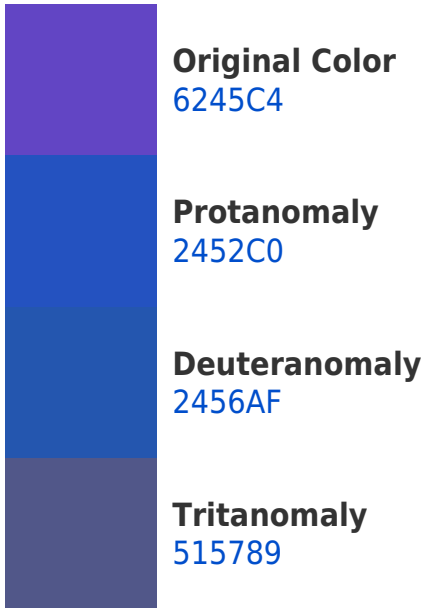
Dichromacy



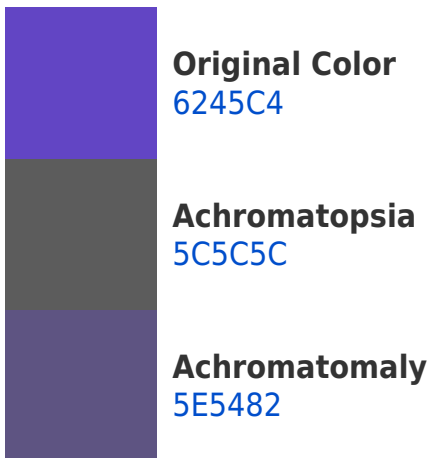


Tritanopia
476168

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6245C4 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 #6245C4 looks like.

```
.text, #text, p{  
    color:#6245C4  
}
```

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 #6245C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6245C4
}
```

Border

The CSS property to change the border of an element to Hex 6245C4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

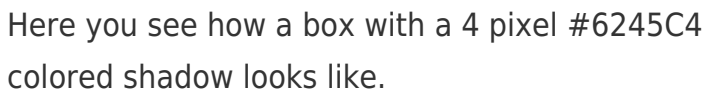
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6245C4 }
```

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

```
.border{ border-color:#6245C4 }
```

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



Here you see how a box with a 4 pixel #6245C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6245C4; -webkit-box-shadow:4px 4px  
4px 4px #6245C4; box-shadow:4px 4px 4px  
4px #6245C4 }
```

Background

The CSS property to change the background color of an element to Hex 6245C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6245C4 }
```

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

```
.background{ background-color:#6245C4 }
```

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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