

# Converting Colors

Hex(7255D4)

Have a look what the booklet for  
Hex(7255D4) contains.

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# Color

Hex(7255D4)

# Conversions

## Conversions Part 1

Format	Color
Hex	7255D4
RGB	114, 85, 212
RGB Percent	45%, 33%, 83%
CMY	0.5529, 0.6667, 0.1686
CMYK	0.46, 0.60, 0.00, 0.17
HSL	254°, 60%, 58%
HSV	254°, 60%, 83%
XYZ	22.0716, 14.8279, 63.9861
YIQ	108.1490, -23.4830, 45.6450

# Conversions

## Conversions Part 2

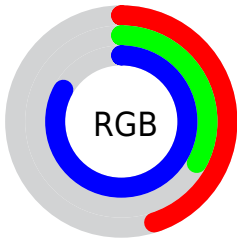
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 85, 212
Decimal	7493076
CIE <sub>Lab</sub>	45.40, 42.68, -61.66
CIE <sub>LCh</sub>	45, 74.996, 304.691
Yxy	14.8279, 0.2188, 0.1470
Android (android.graphics.Color)	4285683156 (0xFF7255D4)
YUV	108.1490, 51.1985, 5.1313
Hunter-Lab	38.5070, 34.9262, -71.5659

# Details

The Hex color **7255D4** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **B7D455**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **AC88FF**, and **36259C** is the 20% darker color. If you saturate the color by 10%, you get **6240D4**, and if you desaturate by 10%, it is **826AD4**.

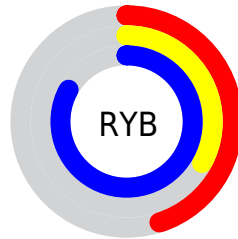
# Distribution



Red (45%)

Green (33%)

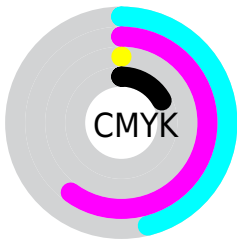
Blue (83%)



Red (45%)

Yellow (33%)

Blue (83%)

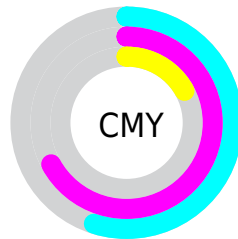


Cyan (46%)

Magenta (60%)

Yellow (0%)

Black (17%)



Cyan (55%)

Magenta (67%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7255D4 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 7255D4 by changing the saturation by 10% instead.



7255D4

7255D4

FFFFFF

553DB8

AC88FF

36259C

C9A2FF

0A0E82

E7BEFF

000068

FFDAFF

00004F

FFF7FF

000537

000220

000005

000000

 7255D4


 7255D4

 6240D4

 826AD4

 512BD4

 937FD4

 4115D4

 A395D4

 3100D4

 B3AAD4

 3000D4

 C4BFD4

 D4D4D4

 E5E9D4

 F5FFD4

 FFFFD4

# Harmonies

## Analogous

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



0071EA



7255D4



BB29A2

# Triad

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



7255D4



AC5300



008574

# Complementary

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



7255D4



B7D455

# 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.



008231



7255D4



7B6C00

# Square

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



7255D4



CD2A27



357B00



0085B2

# Rectangle

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



7255D4



D10079



357B00



00855E



# Sweetspot

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



7255D4



DCD1FF



55B8D4



6A6380



000000



808080



# Same Dimension

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



7255D4



7147FF



B055D4



63606B



2700AB



0A002B



# Inverse Universe

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



D455B7



FF47D5



79D455



6B6069



AB0084

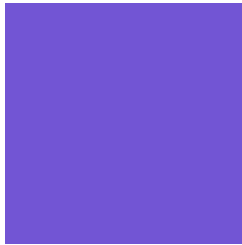


2B0021



# Previews

## White Background



This preview shows how the Hex color 7255D4 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

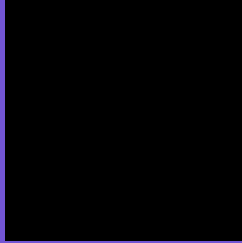
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7255D4 Background



This preview shows how black text looks on a background with the Hex color 7255D4.

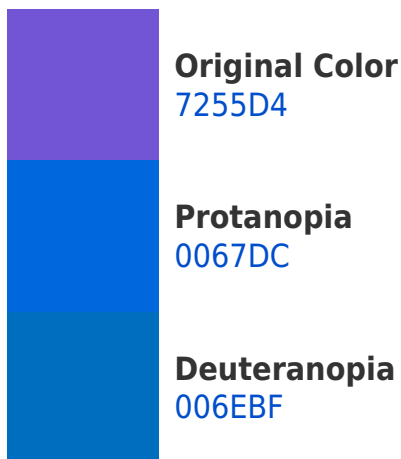


This preview shows how white text looks on a background with the Hex color 7255D4.

# 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](#).

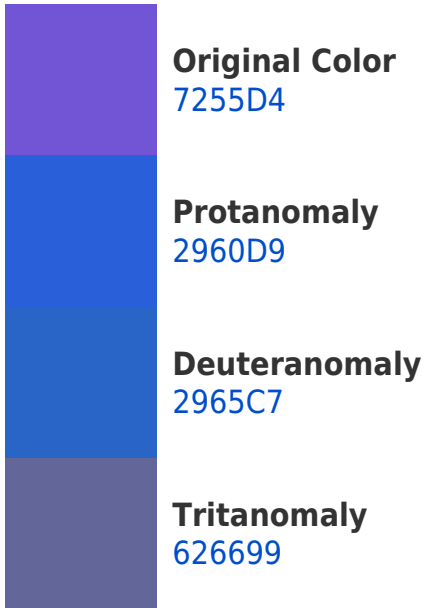
## Dichromacy





**Tritanopia**  
596F78

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7255D4 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 #7255D4 looks like.

```
.text, #text, p{  
    color:#7255D4  
}
```

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 #7255D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7255D4
}
```

## Border

The CSS property to change the border of an element to Hex 7255D4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

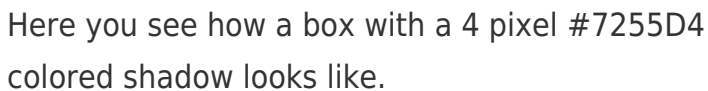
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7255D4 }
```

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

```
.border{ border-color:#7255D4 }
```

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



Here you see how a box with a 4 pixel #7255D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7255D4; -webkit-box-shadow:4px 4px  
4px 4px #7255D4; box-shadow:4px 4px 4px  
4px #7255D4 }
```

# Background

The CSS property to change the background color of an element to Hex 7255D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7255D4 }
```

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

```
.background{ background-color:#7255D4 }
```

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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