

# Converting Colors

Decimal(7488463)

Have a look what the booklet for  
Decimal(7488463) contains.

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# Color

**Decimal(7488463)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7243CF
RGB	114, 67, 207
RGB Percent	45%, 26%, 81%
CMY	0.5529, 0.7373, 0.1882
CMYK	0.45, 0.68, 0.00, 0.19
HSL	260°, 59%, 54%
HSV	260°, 68%, 81%
XYZ	20.2091, 12.0967, 60.3012
YIQ	97.0130, -16.9280, 53.5040

# Conversions

## Conversions Part 2

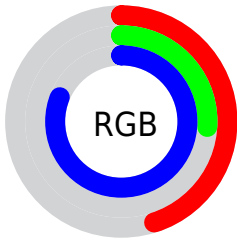
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 67, 207
Decimal	7488463
CIE <sub>Lab</sub>	41.37, 51.15, -65.33
CIE <sub>LCh</sub>	41, 82.969, 308.057
Yxy	12.0967, 0.2182, 0.1306
Android (android.graphics.Color)	4285678543 (0xFF7243CF)
YUV	97.0130, 54.2236, 14.8976
Hunter-Lab	34.7803, 42.8517, -78.4493

# Details

The Decimal color **7488463** 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 **10538819**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **11302655**, and **3477399** is the 20% darker color. If you saturate the color by 10%, you get **6565583**, and if you desaturate by 10%, it is **8411343**.

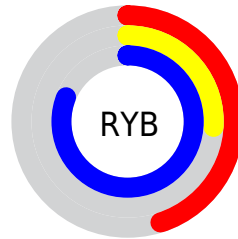
# Distribution



Red (45%)

Green (26%)

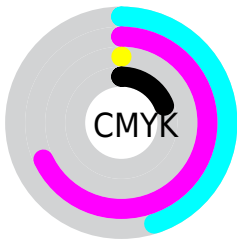
Blue (81%)



Red (45%)

Yellow (26%)

Blue (81%)

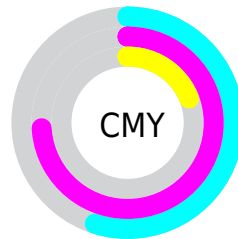


Cyan (45%)

Magenta (68%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (74%)

Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7488463 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 Decimal color 7488463 by changing the saturation by 10% instead.



 7488463

 7488463

16777215


 5581491

 11302655

 3477399

 13275647

 524413

 15183103

 99

 16763135


 74


 16770303

 1074

 540

 0

 7488463

 7488463

■ 6565583

■ 8411343

■ 5642959

■ 9333967

■ 4785615

■ 10191311

■ 4522191

■ 11114191

■ 12037071

■ 12959695

■ 13817039

■ 14739919

■ 15662543

# Harmonies

## Analogous

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



26348



7488463



12320918

# Triad

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



7488463



10439168



31859

# Complementary

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



7488463



10538819

# 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.



31017



7488463



6776064

# Square

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



7488463



12912653



29440



31925

# Rectangle

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



7488463



13631593



29440



31579



# Sweetspot

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



7488463



14535935



4432079



7037312



0



8421504



# Same Dimension

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



7488463



7745791



12075983



6446697



3735720



917545



# Inverse Universe

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



13583264



16724154



5951299



6905445



11010160

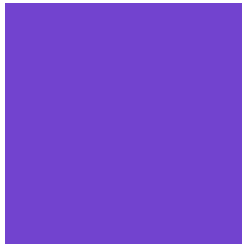


2687003



# Previews

## White Background



This preview shows how the Decimal color 7488463 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



This preview shows how the Decimal color 7488463 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

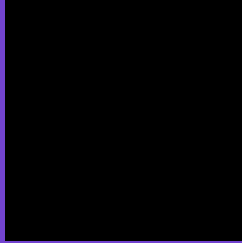
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Decimal 7488463 Background



This preview shows how black text looks on a background with the Decimal color 7488463.



This preview shows how white text looks on a background with the Decimal color 7488463.

# 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

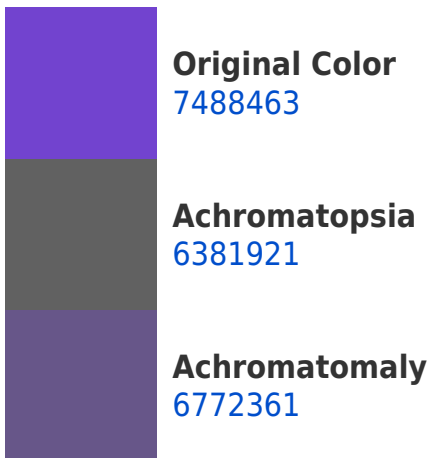




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7488463 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 #7243CF looks like.

```
.text, #text, p{  
    color:#7243CF  
}
```

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 #7243CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7243CF
}
```

## Border

The CSS property to change the border of an element to Decimal 7488463 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
#7243CF }
```

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

```
.border{ border-color:#7243CF }
```

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

Here you see how a box with a 4 pixel #7243CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7243CF; -webkit-box-shadow:4px 4px  
4px 4px #7243CF; box-shadow:4px 4px 4px  
4px #7243CF }
```

# Background

The CSS property to change the background color of an element to Decimal 7488463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7243CF }
```

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

```
.background{ background-color:#7243CF }
```

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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