

# Converting Colors

Decimal(7245525)

Have a look what the booklet for  
Decimal(7245525) contains.

<b>Decimal(7245525)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(7245525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6E8ED5
RGB	110, 142, 213
RGB Percent	43%, 56%, 84%
CMY	0.5686, 0.4431, 0.1647
CMYK	0.48, 0.33, 0.00, 0.16
HSL	221°, 55%, 63%
HSV	221°, 48%, 84%
XYZ	28.1136, 27.4651, 66.7703
YIQ	140.5260, -41.8630, 15.2970

# Conversions

## Conversions Part 2

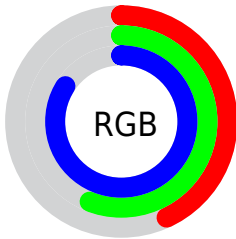
Format	Color
<a href="#">RYB</a>	<a href="#">110, 134, 213</a>
Decimal	<a href="#">7245525</a>
CIELab	<a href="#">59.40, 8.13, -39.91</a>
CIELCh	<a href="#">59, 40.733, 281.516</a>
Yxy	<a href="#">27.4651, 0.2298, 0.2245</a>
Android (android.graphics.Color)	<a href="#">4285435605 (0xFF6E8ED5)</a>
YUV	<a href="#">140.5260, 35.7297, -26.7713</a>
Hunter-Lab	<a href="#">52.4072, 4.0432, -38.8546</a>

# Details

The Decimal color **7245525** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **14005614**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **10929151**, and **3497118** is the 20% darker color. If you saturate the color by 10%, you get **5865429**, and if you desaturate by 10%, it is **8625621**.

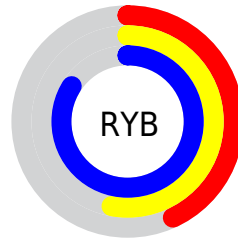
# Distribution



Red (43%)

Green (56%)

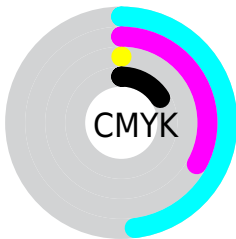
Blue (84%)



Red (43%)

Yellow (53%)

Blue (84%)

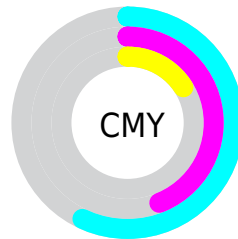


Cyan (48%)

Magenta (33%)

Yellow (0%)

Black (16%)



Cyan (57%)

Magenta (44%)















Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7245525 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 7245525 by changing the saturation by 10% instead.



 7245525	 7245525
16777215	 5404089
 10929151	 3497118
 12836863	 935300
 14744831	 12138
16711679	 6993
	 314
	 547
	 11
	 0

 7245525

 7245525


 5865429

 8625621

 4420053

 10070997

 3039957

 11451093

 1659861

 12831189

 280021

 14276565

 17109

 15656661

 16774613

 16777173

# Harmonies

## Analogous

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



367058



7245525



10780869

# Triad

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



7245525



13465953



4104311

# Complementary

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



7245525



14005614

# 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.



7379800



7245525



12092747

# Square

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



7245525



13857410



9998663



41628

# Rectangle

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



7245525



12417202



9998663



5349228



# Sweetspot

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



7245525



14280191



7263668



6910080



0



8421504



# Same Dimension

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



7245525



7051775



8482517



6317163



13739



3371



# Inverse Universe

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



13987470



16739225



12768622



7037028



11206709



2818061



# Previews

## White Background



This preview shows how the Decimal color 7245525 looks on a white background.

## Color Contrast Check

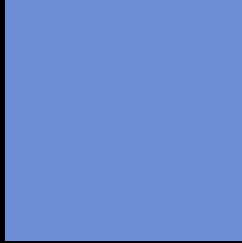
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Decimal color 7245525 looks on a black 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

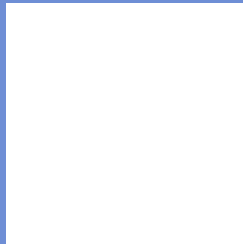
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7245525 Background



This preview shows how black text looks on a background with the Decimal color 7245525.

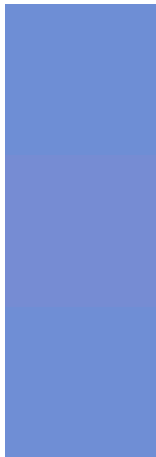


This preview shows how white text looks on a background with the Decimal color 7245525.

# 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



**Original Color**  
7245525

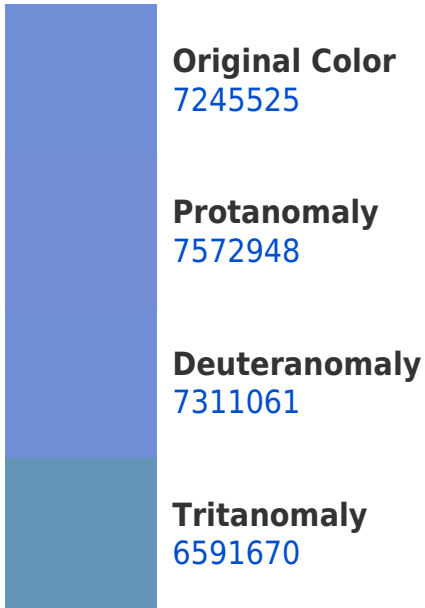
**Protanopia**  
7769299

**Deuteranopia**  
7311061



**Tritanopia**  
6264996

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7245525 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 #6E8ED5 looks like.

```
.text, #text, p{  
    color:#6E8ED5  
}
```

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 #6E8ED5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E8ED5
}
```

## Border

The CSS property to change the border of an element to Decimal 7245525 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
#6E8ED5 }
```

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

```
.border{ border-color:#6E8ED5 }
```

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

Here you see how a box with a 4 pixel #6E8ED5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E8ED5; -webkit-box-shadow:4px 4px  
4px 4px #6E8ED5; box-shadow:4px 4px 4px  
4px #6E8ED5 }
```

# Background

The CSS property to change the background color of an element to Decimal 7245525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E8ED5 }
```

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

```
.background{ background-color:#6E8ED5 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor