

# Converting Colors

Decimal(7312586)

Have a look what the booklet for  
Decimal(7312586) contains.

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# **Color**

**Decimal(7312586)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F94CA
RGB	111, 148, 202
RGB Percent	44%, 58%, 79%
CMY	0.5647, 0.4196, 0.2078
CMYK	0.45, 0.27, 0.00, 0.21
HSL	216°, 46%, 61%
HSV	216°, 45%, 79%
XYZ	27.8061, 28.8236, 59.9751
YIQ	143.0930, -39.3860, 8.9500

# Conversions

## Conversions Part 2

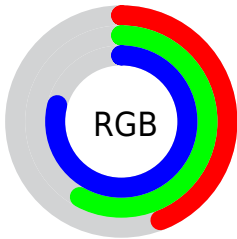
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 137, 202
Decimal	7312586
CIELab	60.63, 1.64, -31.83
CIElCh	61, 31.875, 272.950
Yxy	28.8236, 0.2385, 0.2472
Android (android.graphics.Color)	4285502666 (0xFF6F94CA)
YUV	143.0930, 29.0412, -28.1456
Hunter-Lab	53.6876, -1.5038, -28.6523

# Details

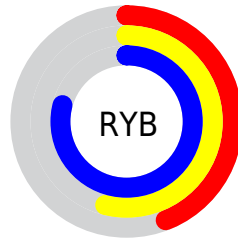
The Decimal color **7312586** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **13280623**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **10930943**, and **3695252** is the 20% darker color. If you saturate the color by 10%, you get **5998794**, and if you desaturate by 10%, it is **8626378**.

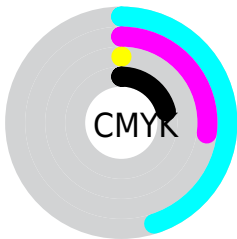
# Distribution



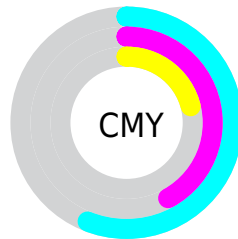
- Red (44%)
- Green (58%)
- Blue (79%)



- Red (44%)
- Yellow (54%)
- Blue (79%)



- Cyan (45%)
- Magenta (27%)
- Yellow (0%)
- Black (21%)



- Cyan (56%)
- Magenta (42%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7312586 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 7312586 by changing the saturation by 10% instead.





7312586



7312586

16777215



5536430



10930943



3695252



12838655



1591930



14680063



13409

16646143



8009



1330



540



0



7312586



7312586

■ 5998794

■ 8626378

■ 4685002

■ 9940170

■ 3305674

■ 11319498

■ 1991882

■ 12633290

■ 678090

■ 13947082

■ 21194

■ 15260874

■ 16574666

■ 16774346

■ 16777162

# Harmonies

## Analogous

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



4299972



7312586



10062529

# Triad

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



7312586



13139829



6528888

# Complementary

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



7312586



13280623

# 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.



8755810



7312586



12224609

# Square

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



7312586



13139344



10654042



4170132

# Rectangle

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



7312586



11502516



10654042



7249519

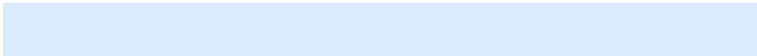


# Sweetspot

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



7312586



14412543



7326372



6976384



0



8421504

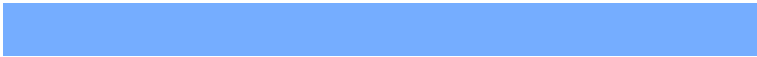


# Same Dimension

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



7312586



7712255



7827402



6053990



17318



4134



# Inverse Universe

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



13266836



16741805



12765807



6708320



10879043

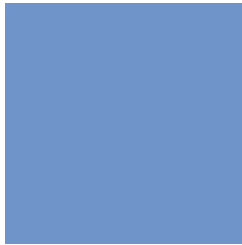


2490384



# Previews

## White Background



This preview shows how the Decimal color 7312586 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 7312586 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

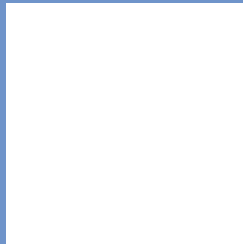
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7312586 Background



This preview shows how black text looks on a background with the Decimal color 7312586.




This preview shows how white text looks on a background with the Decimal color 7312586.

# 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](#).

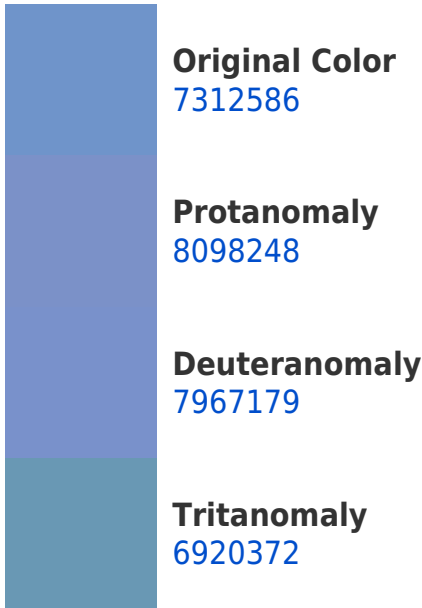
## Dichromacy





**Tritanopia**  
6658983

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7312586 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 #6F94CA looks like.

```
.text, #text, p{  
    color:#6F94CA  
}
```

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 #6F94CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F94CA
}
```

## Border

The CSS property to change the border of an element to Decimal 7312586 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
#6F94CA }
```

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

```
.border{ border-color:#6F94CA }
```

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

Here you see how a box with a 4 pixel #6F94CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F94CA; -webkit-box-shadow:4px 4px  
4px 4px #6F94CA; box-shadow:4px 4px 4px  
4px #6F94CA }
```

# Background

The CSS property to change the background color of an element to Decimal 7312586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F94CA }
```

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

```
.background{ background-color:#6F94CA }
```

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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