

# Converting Colors

Decimal(7310014)

Have a look what the booklet for  
Decimal(7310014) contains.

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# Color

**Decimal(7310014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F8ABE
RGB	111, 138, 190
RGB Percent	44%, 54%, 75%
CMY	0.5647, 0.4588, 0.2549
CMYK	0.42, 0.27, 0.00, 0.25
HSL	219°, 38%, 59%
HSV	219°, 42%, 75%
XYZ	24.9383, 25.2742, 52.2792
YIQ	135.8550, -32.7840, 10.4480

# Conversions

## Conversions Part 2

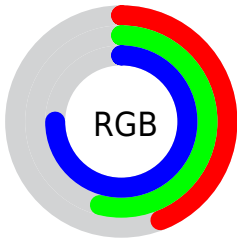
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 131, 190
Decimal	7310014
CIE Lab	57.34, 3.97, -30.16
CIE LCh	57, 30.419, 277.495
Yxy	25.2742, 0.2433, 0.2466
Android (android.graphics.Color)	4285500094 (0xFF6F8ABE)
YUV	135.8550, 26.6935, -21.7978
Hunter-Lab	50.2734, 0.5670, -26.4641

# Details

The Decimal color **7310014** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **12493679**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **10862583**, and **3823752** is the 20% darker color. If you saturate the color by 10%, you get **6061502**, and if you desaturate by 10%, it is **8558526**.

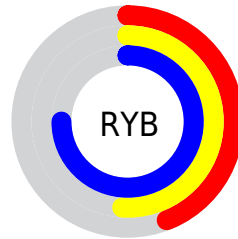
# Distribution



Red (44%)

Green (54%)

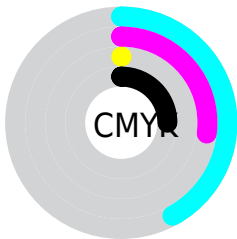
Blue (75%)



Red (44%)

Yellow (51%)

Blue (75%)

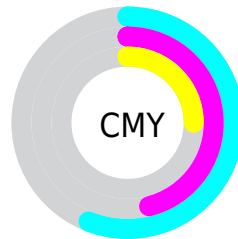


Cyan (42%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (56%)

Magenta (46%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7310014 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 7310014 by changing the saturation by 10% instead.



■ 7310014

■ 7310014

16777215

■ 5534115

■ 10862583

■ 3823752

■ 12704767

■ 1917295

■ 14612735

■ 11094

■ 16515071

■ 5951

■ 808

■ 274

■ 0

■ 7310014

■ 7310014

■ 6061502

■ 8558526

■ 4813246

■ 9806782

■ 3564734

■ 11055294

■ 2316478

■ 12303550

■ 1067966

■ 13552062

■ 16830

■ 14800318

■ 16048830

■ 16772798

■ 16776126

# Harmonies

## Analogous

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



4428474



7310014



9863348

# Triad

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



7310014



12286315



5805684

# Complementary

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



7310014



12493679

# 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.



7901791



7310014



11305305

# Square

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



7310014



12416388



9800277



3578000

# Rectangle

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



7310014



11107239



9800277



6526316



# Sweetspot

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



7310014



14345463



7323298



7041405



16579836



8224125



# Same Dimension

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



7310014



8169207



8089534



5593182



13982



2591



# Inverse Universe

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



12480394



16219302



11714159



6182232



10354742

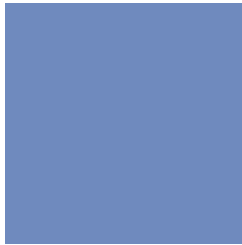


2031626



# Previews

## White Background



This preview shows how the Decimal color 7310014 looks on a white background.

## Color Contrast Check

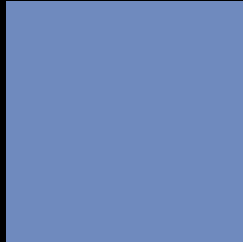
Large Text (above 18pt) WCAG AA ✓ Pass

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 7310014 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

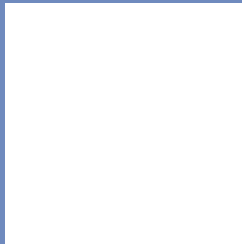
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7310014 Background



This preview shows how black text looks on a background with the Decimal color 7310014.

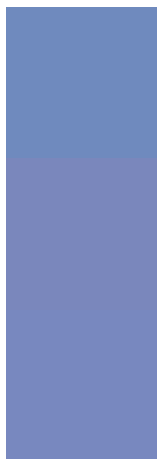


This preview shows how white text looks on a background with the Decimal color 7310014.

# 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**


7310014

**Protanopia**

8030140

**Deuteranopia**

7899327



**Tritanopia**  
6721692

# Trichromacy



**Original Color**  
7310014

**Protanomaly**  
7768253

**Deuteranomaly**  
7702975

**Tritanomaly**  
6917800

# Monochromacy



**Original Color**  
7310014

**Achromatopsia**  
8947848

**Achromatomaly**  
8358300

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7310014 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 #6F8ABE looks like.

```
.text, #text, p{  
    color:#6F8ABE  
}
```

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 #6F8ABE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8ABE
}
```

## Border

The CSS property to change the border of an element to Decimal 7310014 is called "border". The border property can be set on classes, ids or directly on the HTML element.

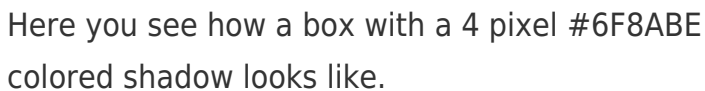
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F8ABE }
```

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

```
.border{ border-color:#6F8ABE }
```

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



Here you see how a box with a 4 pixel #6F8ABE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8ABE; -webkit-box-shadow:4px 4px  
4px 4px #6F8ABE; box-shadow:4px 4px 4px  
4px #6F8ABE }
```

# Background

The CSS property to change the background color of an element to Decimal 7310014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8ABE }
```

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

```
.background{ background-color:#6F8ABE }
```

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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