

# Converting Colors

Decimal(7307442)

Have a look what the booklet for  
Decimal(7307442) contains.

<b>Decimal(7307442)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(7307442)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F80B2
RGB	111, 128, 178
RGB Percent	44%, 50%, 70%
CMY	0.5647, 0.4980, 0.3020
CMYK	0.38, 0.28, 0.00, 0.30
HSL	225°, 30%, 57%
HSV	225°, 38%, 70%
XYZ	22.3106, 22.0322, 45.1962
YIQ	128.6170, -26.1820, 11.9460

# Conversions

## Conversions Part 2

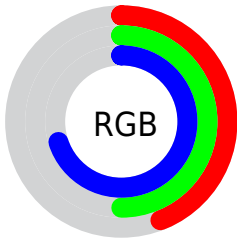
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 125, 178
Decimal	7307442
CIE <sub>Lab</sub>	54.06, 6.45, -28.40
CIE <sub>LCh</sub>	54, 29.119, 282.788
Yxy	22.0322, 0.2492, 0.2461
Android (android.graphics.Color)	4285497522 (0xFF6F80B2)
YUV	128.6170, 24.3458, -15.4501
Hunter-Lab	46.9385, 2.7015, -24.2324

# Details

The Decimal color **7307442** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **11706735**, and the grayscale version is **8421504**.

A 20% lighter version of the original color is **10860010**, and **3886973** is the 20% darker color. If you saturate the color by 10%, you get **6124466**, and if you desaturate by 10%, it is **8490418**.

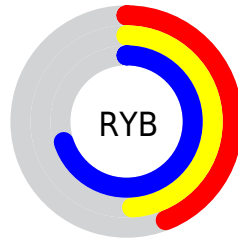
# Distribution



Red (44%)

Green (50%)

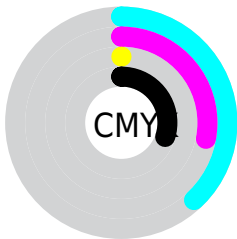
Blue (70%)



Red (44%)

Yellow (49%)

Blue (70%)

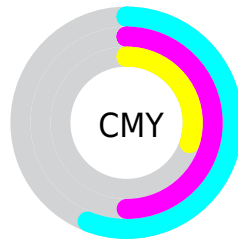


Cyan (38%)

Magenta (28%)

Yellow (0%)

Black (30%)



Cyan (56%)

Magenta (50%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7307442 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 7307442 by changing the saturation by 10% instead.



■ 7307442

■ 7307442

16777215

■ 5597079

■ 10860010

■ 3886973

■ 12636415

■ 2177124

■ 14544127

■ 74572

■ 16449535

■ 3381

■ 543

■ 2

■ 0

■ 7307442

■ 7307442

■ 6124466

■ 8490418

■ 4941234

■ 9673650

■ 3823794

■ 10791090

■ 2640818

■ 11974066

■ 1457842

■ 13157042

■ 274610

■ 14340274

■ 11698

■ 15523250

■ 16640690

■ 16775346

# Harmonies

## Analogous

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



4622513



7307442



9598886

# Triad

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



7307442



11432800



5082738

# Complementary

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



7307442



11706735

# 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.



7047772



7307442



10451794

# Square

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



7307442



11759223



8880976



2985867

# Rectangle

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



7307442



10711705



8880976



5737833



# Sweetspot

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



7307442



13620712



7320224



6711925



16119285



7697781



# Same Dimension

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



7307442



8428264



8351666



5264217



10137



1562



# Inverse Universe

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



11693952



15237274



10662511



5853267



10027047

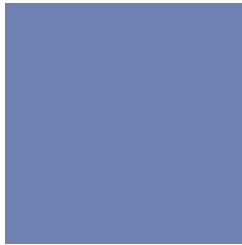


1703942



# Previews

## White Background



This preview shows how the Decimal color 7307442 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 7307442 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

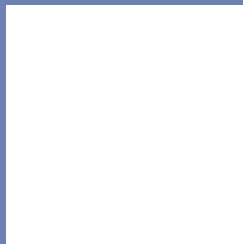
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7307442 Background



This preview shows how black text looks on a background with the Decimal color 7307442.



This preview shows how white text looks on a background with the Decimal color 7307442.

# 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**  
7307442

**Protanopia**  
7503793

**Deuteranopia**  
7438258



# Trichromacy



**Original Color**

7307442

**Protanomaly**

7438257

**Deuteranomaly**

7372722

**Tritanomaly**

6980765

# Monochromacy



**Original Color**

7307442

**Achromatopsia**

8487297

**Achromatomaly**

8028563

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7307442 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 #6F80B2 looks like.

```
.text, #text, p{  
    color:#6F80B2  
}
```

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 #6F80B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F80B2
}
```

## Border

The CSS property to change the border of an element to Decimal 7307442 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
#6F80B2 }
```

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

```
.border{ border-color:#6F80B2 }
```

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

Here you see how a box with a 4 pixel #6F80B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F80B2; -webkit-box-shadow:4px 4px  
4px 4px #6F80B2; box-shadow:4px 4px 4px  
4px #6F80B2 }
```

# Background

The CSS property to change the background color of an element to Decimal 7307442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F80B2 }
```

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

```
.background{ background-color:#6F80B2 }
```

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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