

# Converting Colors

Decimal(7050931)

Have a look what the booklet for  
Decimal(7050931) contains.

<b>Decimal(7050931)</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(7050931)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B96B3
RGB	107, 150, 179
RGB Percent	42%, 59%, 70%
CMY	0.5804, 0.4118, 0.2980
CMYK	0.40, 0.16, 0.00, 0.30
HSL	204°, 32%, 56%
HSV	204°, 40%, 70%
XYZ	25.1064, 28.1932, 46.7664
YIQ	140.4490, -34.9370, -0.0970

# Conversions

## Conversions Part 2

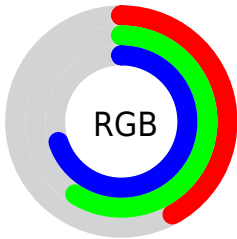
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 134, 179
Decimal	7050931
CIELab	60.06, -7.04, -19.76
CIElCh	60, 20.975, 250.377
Yxy	28.1932, 0.2509, 0.2817
Android (android.graphics.Color)	4285241011 (0xFF6B96B3)
YUV	140.4490, 19.0056, -29.3348
Hunter-Lab	53.0972, -8.5184, -15.0527

# Details

The Decimal color **7050931** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **11765867**, and the grayscale version is **9211020**.

A 20% lighter version of the original color is **10603755**, and **3629950** is the 20% darker color. If you saturate the color by 10%, you get **5869491**, and if you desaturate by 10%, it is **8232371**.

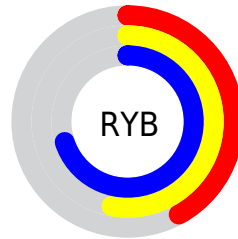
# Distribution



Red (42%)

Green (59%)

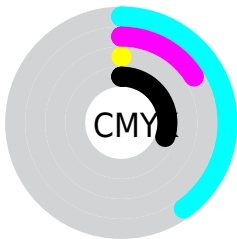
Blue (70%)



Red (42%)

Yellow (53%)

Blue (70%)

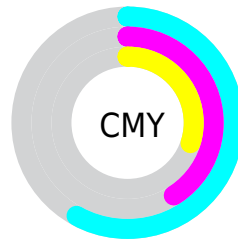


Cyan (40%)

Magenta (16%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (41%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 7050931 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 7050931 by changing the saturation by 10% instead.



■ 7050931

■ 7050931

16777215

■ 5340312

■ 10603755

■ 3629950

■ 12445951

■ 1723237

■ 14286847

■ 13645

■ 16187391

■ 8246

■ 545

■ 6

■ 0

■ 7050931

■ 7050931

■ 5869491

■ 8232371

■ 4688051

■ 9413811

■ 3506355

■ 10595507

■ 2324915

■ 11776947

■ 1209011

■ 12892851

■ 27571

■ 14074291

■ 15255731

■ 16437427

■ 16766899

# Harmonies

## Analogous

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



6134440



7050931



8622261

# Triad

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



7050931



11961227



8623988

# Complementary

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



7050931



11765867

# 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.



9998956



7050931



11830906

# Square

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



7050931



11437470



11111278



7314052

# Rectangle

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



7050931



9735345



11111278



9082225



# Sweetspot

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



7050931



13426152



7058312



6647669



16119285



7697781



# Same Dimension

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



7050931



7977960



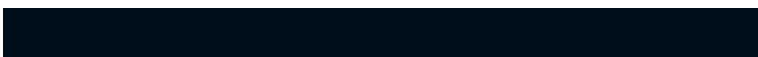
7041715



5264985



23449



3866



# Inverse Universe

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



11758486



15235515



11775083



5853270



10027099



1703951



# Previews

## White Background



This preview shows how the Decimal color 7050931 looks on a white background.

## Color Contrast Check

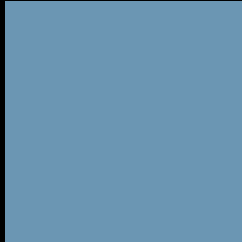
Large Text (above 18pt) WCAG AA ✓ Pass

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 7050931 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

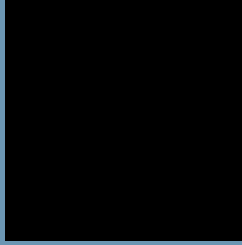
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

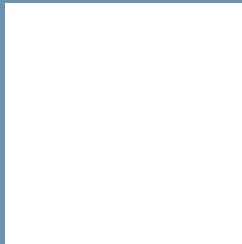
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 7050931 Background



This preview shows how black text looks on a background with the Decimal color 7050931.



This preview shows how white text looks on a background with the Decimal color 7050931.

# 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**  
6789285

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 7050931 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 #6B96B3 looks like.

```
.text, #text, p{  
  color:#6B96B3  
}
```

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 #6B96B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B96B3
}
```

## Border

The CSS property to change the border of an element to Decimal 7050931 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
#6B96B3 }
```

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

```
.border{ border-color:#6B96B3 }
```

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

Here you see how a box with a 4 pixel #6B96B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B96B3; -webkit-box-shadow:4px 4px  
4px 4px #6B96B3; box-shadow:4px 4px 4px  
4px #6B96B3 }
```

# Background

The CSS property to change the background color of an element to Decimal 7050931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B96B3 }
```

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

```
.background{ background-color:#6B96B3 }
```

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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