

Converting Colors

Decimal(7111070)

Have a look what the booklet for
Decimal(7111070) contains.

Decimal(7111070)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(7111070)

Conversions

Conversions Part 1

Format	Color
Hex	6C819E
RGB	108, 129, 158
RGB Percent	42%, 51%, 62%
CMY	0.5765, 0.4941, 0.3804
CMYK	0.32, 0.18, 0.00, 0.38
HSL	215°, 20%, 52%
HSV	215°, 32%, 62%
XYZ	20.2062, 21.3573, 35.4051
YIQ	126.0270, -21.8250, 4.5670

Conversions

Conversions Part 2

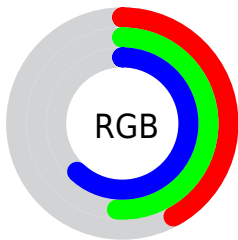
Format	Color
R_{YB}	108, 123, 158
Decimal	7111070
CIE _{Lab}	53.34, -0.46, -17.98
CIE _{LCh}	53, 17.987, 268.539
Yxy	21.3573, 0.2625, 0.2775
Android (android.graphics.Color)	4285301150 (0xFF6C819E)
YUV	126.0270, 15.7627, -15.8097
Hunter-Lab	46.2139, -2.8287, -13.0731

Details

The Decimal color **7111070** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **10389868**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **10598101**, and **3821675** is the 20% darker color. If you saturate the color by 10%, you get **6060190**, and if you desaturate by 10%, it is **8161950**.

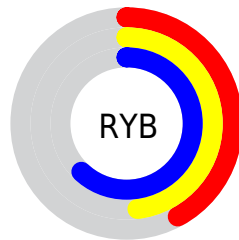
Distribution



Red (42%)

Green (51%)

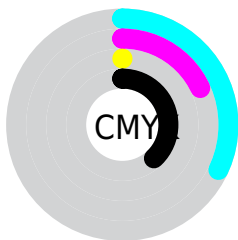
Blue (62%)



Red (42%)

Yellow (48%)

Blue (62%)

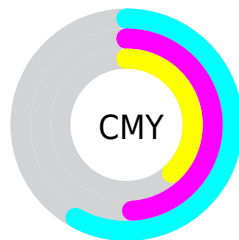


Cyan (32%)

Magenta (18%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (49%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 7111070 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 7111070 by changing the saturation by 10% instead.

■ 7111070

■ 7111070

16777215

■ 5466244

■ 10598101

■ 3821675

■ 12374513

■ 2242898

■ 14216959

■ 533563

■ 16121855

■ 3621

■ 271

■ 0

■ 7111070

■ 7111070

■ 6060190

■ 8161950

■ 5009310

■ 9212830

■ 4023966

■ 10198174

■ 2972830

■ 11249310

■ 1921950

■ 12300190

■ 871070

■ 13351070

■ 17054

■ 14401950

■ 15387294

■ 16438174

Harmonies

Analogous

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



5932441



7111070



8486043

Triad

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



7111070



10450289



6915695

Complementary

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



7111070



10389868

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.



8094564



7111070



10058086

Square

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



7111070



10318977



9207393



5933182

Rectangle

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



7111070



9336980



9207393



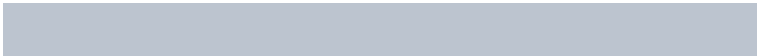
7308651

Sweetspot

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



7111070



12371151



7118472



6120041



15263976



6908265

Same Dimension

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



7111070



8430031



7302302



4672079



15503



1551

Inverse Universe

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



10382465



13598881



10198636



5195594



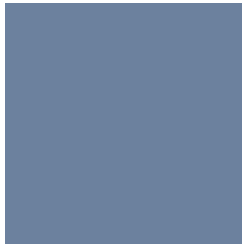
9371708



983046

Previews

White Background



This preview shows how the Decimal color 7111070 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 7111070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

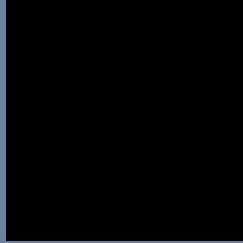
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

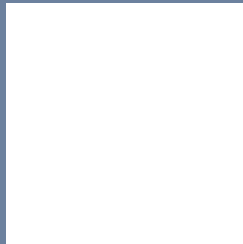
Any Text WCAG AAA × Fail

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

Decimal 7111070 Background



This preview shows how black text looks on a background with the Decimal color 7111070.

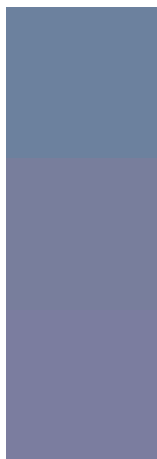


This preview shows how white text looks on a background with the Decimal color 7111070.

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

7111070

Protanopia

7896732

Deuteranopia

8093087



Tritanopia
6849678

Trichromacy



Original Color
7111070

Protanomaly
7634845

Deuteranomaly
7765663

Tritanomaly
6914964

Monochromacy



Original Color
7111070

Achromatopsia
8289918

Achromatomaly
7831434

CSS Examples

Text

The CSS property to change the color of the text to Decimal 7111070 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 #6C819E looks like.

```
.text, #text, p{  
    color:#6C819E  
}
```

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 #6C819E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C819E
}
```

Border

The CSS property to change the border of an element to Decimal 7111070 is called "border". The border property can be set on classes, ids or directly on the HTML element.

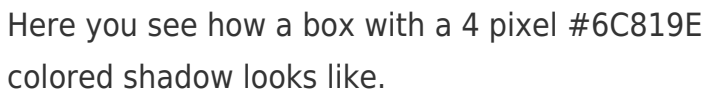
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C819E }
```

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

```
.border{ border-color:#6C819E }
```

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



Here you see how a box with a 4 pixel #6C819E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C819E; -webkit-box-shadow:4px 4px  
4px 4px #6C819E; box-shadow:4px 4px 4px  
4px #6C819E }
```

Background

The CSS property to change the background color of an element to Decimal 7111070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C819E }
```

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

```
.background{ background-color:#6C819E }
```

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