

Converting Colors

Decimal(6716071)

Have a look what the booklet for
Decimal(6716071) contains.

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Color

Decimal(6716071)

Conversions

Conversions Part 1

Format	Color
Hex	667AA7
RGB	102, 122, 167
RGB Percent	40%, 48%, 65%
CMY	0.6000, 0.5216, 0.3451
CMYK	0.39, 0.27, 0.00, 0.35
HSL	222°, 27%, 53%
HSV	222°, 39%, 65%
XYZ	19.4141, 19.5339, 39.3064
YIQ	121.1500, -26.3650, 9.7550

Conversions

Conversions Part 2

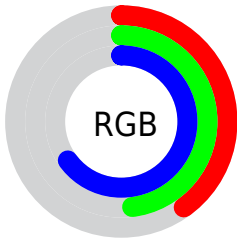
Format	Color
R_{YB}	102, 117, 167
Decimal	6716071
CIE _{Lab}	51.31, 4.35, -26.36
CIE _{LCh}	51, 26.718, 279.370
Yxy	19.5339, 0.2481, 0.2496
Android (android.graphics.Color)	4284906151 (0xFF667AA7)
YUV	121.1500, 22.6041, -16.7945
Hunter-Lab	44.1971, 1.0631, -21.7911

Details

The Decimal color **6716071** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **10982246**, and the grayscale version is **7960953**.

A 20% lighter version of the original color is **10202846**, and **3361395** is the 20% darker color. If you saturate the color by 10%, you get **5598887**, and if you desaturate by 10%, it is **7833255**.

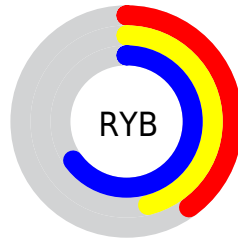
Distribution



Red (40%)

Green (48%)

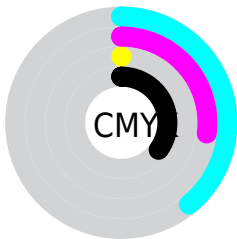
Blue (65%)



Red (40%)

Yellow (46%)

Blue (65%)

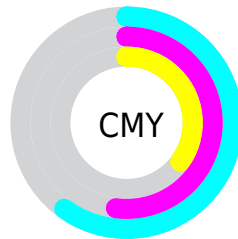


Cyan (39%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (60%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6716071 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 6716071 by changing the saturation by 10% instead.

■ 6716071

■ 6716071

16777215

■ 5005708

■ 10202846

■ 3361395

■ 12045051

■ 1586010

■ 13887231

■ 7746

■ 15794175

■ 1068

■ 279

■ 0

■ 6716071

■ 6716071

■ 5598887

■ 7833255

■ 4547495

■ 8884647

■ 3430311

■ 10001831

■ 2313383

■ 11118759

■ 1261735

■ 12170407

■ 144807

■ 13287335

■ 13223

■ 14404519

■ 15521447

■ 16573095

Harmonies

Analogous

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



4358564



6716071



8811166

Triad

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



6716071



10775646



5145961

Complementary

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



6716071



10982246

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.



6979926



6716071



9925456

Square

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



6716071



10971508



8616781



3377025

Rectangle

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



6716071



9923986



8616781



5801058

Sweetspot

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



6716071



12568537



6727570



6185838



15592941



7237230

Same Dimension

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



6716071



7574233



7497383



5000788



11924



1556

Inverse Universe

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



10970746



14250898



10200934



5524558



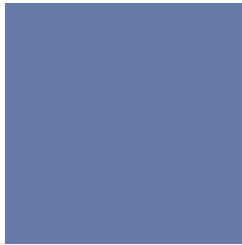
9699374



1310726

Previews

White Background



This preview shows how the Decimal color 6716071 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 6716071 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

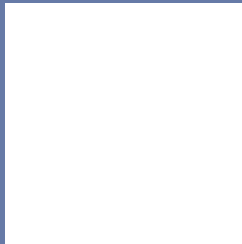
Any Text WCAG AAA × Fail

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

Decimal 6716071 Background



This preview shows how black text looks on a background with the Decimal color 6716071.

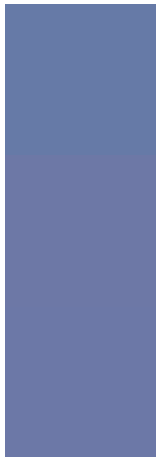


This preview shows how white text looks on a background with the Decimal color 6716071.

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
6716071

Protanopia
7174310

Deuteranopia
7108775



Tritanopia
6258570

Trichromacy



Original Color
6716071

Protanomaly
6977958

Deuteranomaly
6977959

Tritanomaly
6454677

Monochromacy



Original Color
6716071

Achromatopsia
7960953

Achromatomaly
7502218

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6716071 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 #667AA7 looks like.

```
.text, #text, p{  
    color:#667AA7  
}
```

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 #667AA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667AA7  
}
```

Border

The CSS property to change the border of an element to Decimal 6716071 is called "border". The border property can be set on classes, ids or directly on the HTML element.

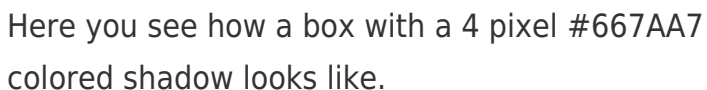
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#667AA7 }
```

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

```
.border{ border-color:#667AA7 }
```

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



Here you see how a box with a 4 pixel #667AA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667AA7; -webkit-box-shadow:4px 4px  
4px 4px #667AA7; box-shadow:4px 4px 4px  
4px #667AA7 }
```

Background

The CSS property to change the background color of an element to Decimal 6716071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667AA7 }
```

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

```
.background{ background-color:#667AA7 }
```

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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