

# Converting Colors

Decimal(6711694)

Have a look what the booklet for  
Decimal(6711694) contains.

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# Color

**Decimal(6711694)**

# Conversions

## Conversions Part 1

Format	Color
Hex	66698E
RGB	102, 105, 142
RGB Percent	40%, 41%, 56%
CMY	0.6000, 0.5882, 0.4431
CMYK	0.28, 0.26, 0.00, 0.44
HSL	236°, 16%, 48%
HSV	236°, 28%, 56%
XYZ	15.4135, 14.8809, 27.6511
YIQ	108.3210, -13.6650, 10.8710

# Conversions

## Conversions Part 2

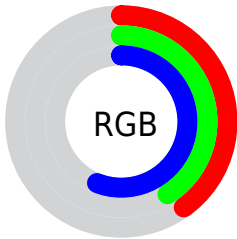
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">102, 105, 142</a>
Decimal	<a href="#">6711694</a>
CIELab	<a href="#">45.47, 7.70, -20.67</a>
CIELCh	<a href="#">45, 22.057, 290.438</a>
Yxy	<a href="#">14.8809, 0.2660, 0.2568</a>
Android (android.graphics.Color)	<a href="#">4284901774 (0xFF66698E)</a>
YUV	<a href="#">108.3210, 16.6037, -5.5435</a>
Hunter-Lab	<a href="#">38.5758, 3.8147, -15.4960</a>

# Details

The Decimal color **6711694** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **9341798**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **10132676**, and **3553884** is the 20% darker color. If you saturate the color by 10%, you get **5790862**, and if you desaturate by 10%, it is **7632526**.

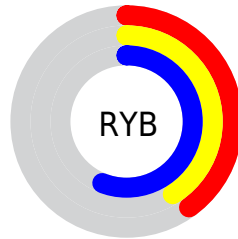
# Distribution



Red (40%)

Green (41%)

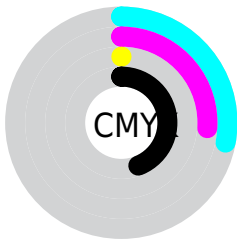
Blue (56%)



Red (40%)

Yellow (41%)

Blue (56%)

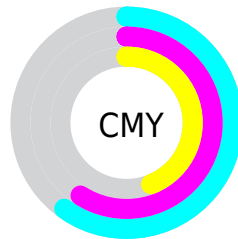


Cyan (28%)

Magenta (26%)

Yellow (0%)

Black (44%)



Cyan (60%)

Magenta (59%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6711694 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 6711694 by changing the saturation by 10% instead.



6711694

6711694

16777215

5067124

10132676

3553884

11909088

2041156

13751292

528430

15593471

281

0

6711694

6711694

5790862

7632526

4870030

8553358

■ 3883662

■ 9539726

■ 2962574

■ 10460814

■ 2041742

■ 11381646

■ 1120910

■ 12302478

■ 200078

■ 13223310

■ 2958

■ 14209678

■ 15130510

# Harmonies

## Analogous

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



4878224



6711694



8217475

# Triad

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



6711694



9134672



4289893

# Complementary

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



6711694



9341798

# 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.



5665620



6711694



8284231

# Square

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



6711694



9526880



7106121



3241592

# Rectangle

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



6711694



8937336



7106121



4748639



# Sweetspot

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



6711694



11119288



6721163



5460828



14408667



6052956



# Same Dimension

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



6711694



7962296



7825038



4211015



2695



264



# Inverse Universe

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



9332329



12089726



8228454



4669505



8847370

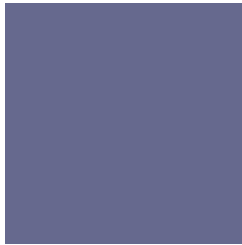


524289



# Previews

## White Background



This preview shows how the Decimal color 6711694 looks on a white 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

# Black Background



This preview shows how the Decimal color 6711694 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

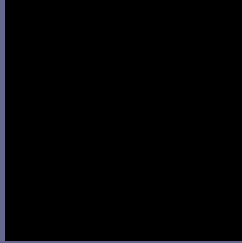
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6711694 Background



This preview shows how black text looks on a background with the Decimal color 6711694.



This preview shows how white text looks on a background with the Decimal color 6711694.

# 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**

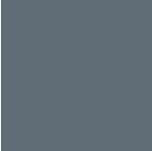
6711694

**Protanopia**

6384271

**Deuteranopia**

6515342



**Tritanopia**  
6385014

# Trichromacy



**Original Color**  
6711694

**Protanomaly**  
6515343

**Deuteranomaly**  
6580878

**Tritanomaly**  
6515839

# Monochromacy



**Original Color**  
6711694

**Achromatopsia**  
7105644

**Achromatomaly**  
6974328

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6711694 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 #66698E looks like.

```
.text, #text, p{  
    color:#66698E  
}
```

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 #66698E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66698E
}
```

## Border

The CSS property to change the border of an element to Decimal 6711694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

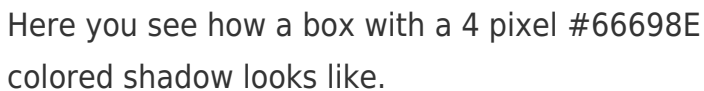
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66698E }
```

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

```
.border{ border-color:#66698E }
```

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



Here you see how a box with a 4 pixel #66698E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66698E; -webkit-box-shadow:4px 4px  
4px 4px #66698E; box-shadow:4px 4px 4px  
4px #66698E }
```

# Background

The CSS property to change the background color of an element to Decimal 6711694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66698E }
```

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

```
.background{ background-color:#66698E }
```

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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