

Converting Colors

Decimal(6687756)

Have a look what the booklet for
Decimal(6687756) contains.

Decimal(6687756)	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(6687756)

Conversions

Conversions Part 1

Format	Color
Hex	660C0C
RGB	102, 12, 12
RGB Percent	40%, 5%, 5%
CMY	0.6000, 0.9529, 0.9529
CMYK	0.00, 0.88, 0.88, 0.60
HSL	0°, 79%, 22%
HSV	0°, 88%, 40%
XYZ	5.6773, 3.1143, 0.6497
YIQ	38.9100, 53.6400, 19.0800

Conversions

Conversions Part 2

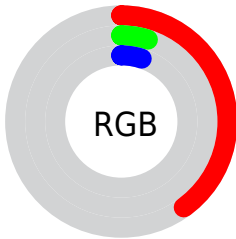
Format	Color
RYB	102, 12, 12
Decimal	6687756
CIELab	20.50, 38.14, 26.04
CIElCh	20, 46.185, 34.327
Yxy	3.1143, 0.6013, 0.3299
Android (android.graphics.Color)	4284877836 (0xFF660C0C)
YUV	38.9100, -13.2666, 55.3299
Hunter-Lab	17.6473, 26.5426, 10.1703

Details

The Decimal color **6687756** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **812646**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **10437175**, and **3211265** is the 20% darker color. If you saturate the color by 10%, you get **6685186**, and if you desaturate by 10%, it is **6690326**.

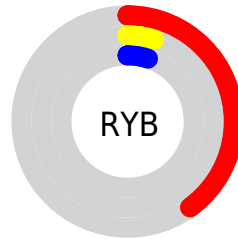
Distribution



Red (40%)

Green (5%)

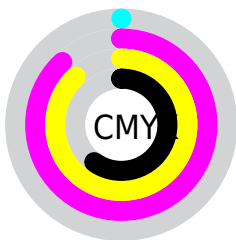
Blue (5%)



Red (40%)

Yellow (5%)

Blue (5%)

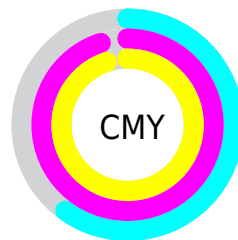


Cyan (0%)

Magenta (88%)

Yellow (88%)

Black (60%)



Cyan (60%)

Magenta (95%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6687756 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 6687756 by changing the saturation by 10% instead.

 6687756

 6687756

 16777196

 4849664

 10437175

 3211265

 12409678

 0

 14382438

 16355455

 16755609

 16762804

 16770000

 6687756

 6687756

■ 6685186

■ 6690326

■ 6684672

■ 6692896

■ 6695723

■ 6698293

■ 6700863

■ 6703433

■ 6706003

■ 6708830

■ 6711400

Harmonies

Analogous

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



6946862



6687756



5514240

Triad

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



6687756



15889



13686

Complementary

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



6687756



812646

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.



15471



6687756



16182

Square

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



6687756



1456640



16215



3417450

Rectangle

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



6687756



4402688



16215



14454

Sweetspot

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



6687756



8741474



6687846



4337198



12763842



4342338

Same Dimension

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



6687756



8716288



6699276



3354158



7536640



15859712

Inverse Universe

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



812646



34181



801126



3027763



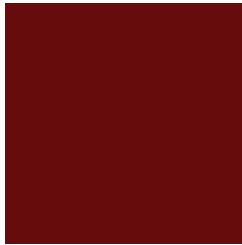
29555



62194

Previews

White Background



This preview shows how the Decimal color 6687756 looks on a white background.

Color Contrast Check

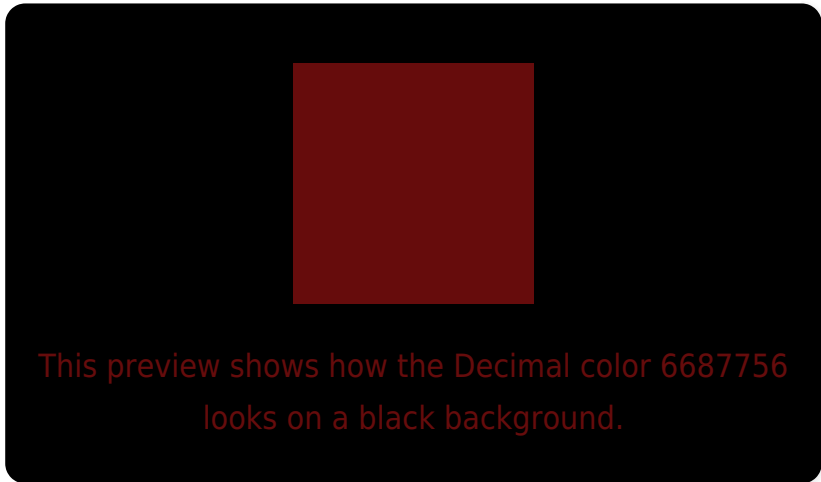
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 6687756 Background



This preview shows how black text looks on a background with the Decimal color 6687756.

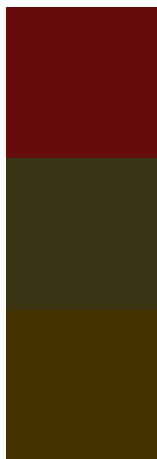


This preview shows how white text looks on a background with the Decimal color 6687756.

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

6687756

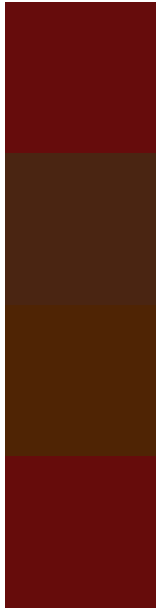
Protanopia

3814421

Deuteranopia

4338176

Trichromacy



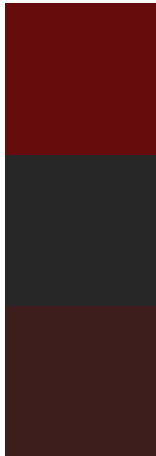
Original Color
6687756

Protanomaly
4859154

Deuteranomaly
5186564

Tritanomaly
6687755

Monochromacy



Original Color
6687756

Achromatopsia
2565927

Achromatomaly
4070685

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6687756 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 #660C0C looks like.

```
.text, #text, p{  
    color:#660C0C  
}
```

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 #660C0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660C0C } }
```

Border

The CSS property to change the border of an element to Decimal 6687756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

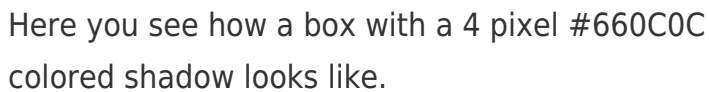
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #660C0C } }
```

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

```
.border{ border-color:#660C0C }
```

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



Here you see how a box with a 4 pixel #660C0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660C0C; -webkit-box-shadow:4px 4px  
4px 4px #660C0C; box-shadow:4px 4px 4px  
4px #660C0C }
```

Background

The CSS property to change the background color of an element to Decimal 6687756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660C0C }
```

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

```
.background{ background-color:#660C0C }
```

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