

Converting Colors

Decimal(6698010)

Have a look what the booklet for
Decimal(6698010) contains.

Decimal(6698010)	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(6698010)

Conversions

Conversions Part 1

Format	Color
Hex	66341A
RGB	102, 52, 26
RGB Percent	40%, 20%, 10%
CMY	0.6000, 0.7961, 0.8980
CMYK	0.00, 0.49, 0.75, 0.60
HSL	21°, 59%, 25%
HSV	21°, 75%, 40%
XYZ	6.8939, 5.3553, 1.6476
YIQ	63.9860, 38.1460, 2.5140

Conversions

Conversions Part 2

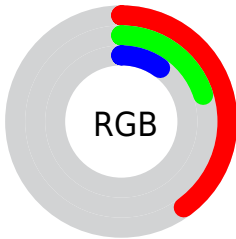
Format	Color
R _Y B	102, 66, 26
Decimal	6698010
CIE Lab	27.72, 20.05, 25.92
CIE LCh	28, 32.770, 52.270
Yxy	5.3553, 0.4961, 0.3854
Android (android.graphics.Color)	4284888090 (0xFF66341A)
YUV	63.9860, -18.7271, 33.3383
Hunter-Lab	23.1416, 12.6777, 11.9779

Details

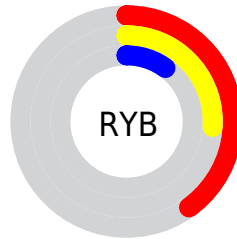
The Decimal color **6698010** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1723494**, and the grayscale version is **4210752**.

A 20% lighter version of the original color is **10314567**, and **3278848** is the 20% darker color. If you saturate the color by 10%, you get **6696208**, and if you desaturate by 10%, it is **6699812**.

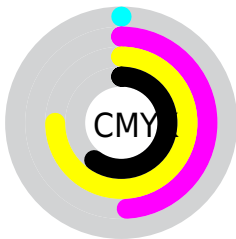
Distribution



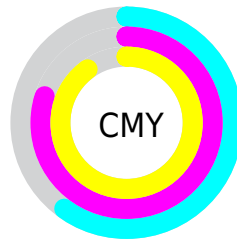
- Red (40%)
- Green (20%)
- Blue (10%)



- Red (40%)
- Yellow (26%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (75%)
- Black (60%)



- Cyan (60%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6698010 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 6698010 by changing the saturation by 10% instead.

 6698010


 6698010

16777215

 4988417

 10314567

 3278848

 12156254

 1441792

 14063479

 0

 15970705

 16764332

 16771527

 16777187

 6698010

 6698010

■ 6696208

■ 6699812

■ 6694662

■ 6701358

■ 6693632

■ 6703161

■ 6704963

■ 6706765

■ 6708311

■ 6710113

■ 6711916

■ 6713462

Harmonies

Analogous

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



7285808



6698010



5520907

Triad

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



6698010



19770



3554672

Complementary

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



6698010



1723494

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.



18035



6698010



19796

Square

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



6698010



1919777



19305



5911393

Rectangle

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



6698010



4539147



19305



2376051

Sweetspot

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



6698010



8745319



6691405



4339505



12763842



4342338

Same Dimension

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



6698010



8730383



6707482



3354670



7546624



15880960

Inverse Universe

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



1723494



1006725



1714022



3027251



19315



40946

Previews

White Background



This preview shows how the Decimal color 6698010 looks on a white background.

Color Contrast Check

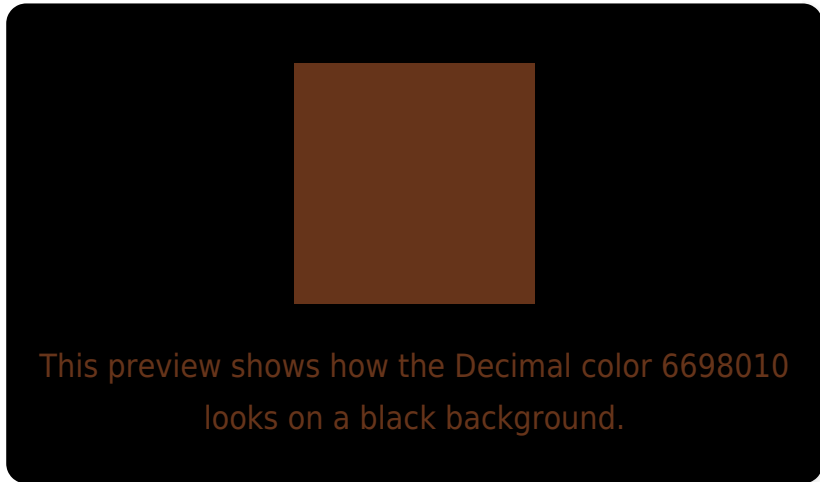
Large Text (above 18pt) WCAG AA ✓ Pass

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 6698010 Background



This preview shows how black text looks on a background with the Decimal color 6698010.



This preview shows how white text looks on a background with the Decimal color 6698010.

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
6698010

Protanopia
4801054

Deuteranopia
5455639



Tritanopia
6762804

Trichromacy



Original Color
6698010

Protanomaly
5520669

Deuteranomaly
5913368

Tritanomaly
6763051

Monochromacy



Original Color
6698010

Achromatopsia
4210752

Achromatomaly
5127218

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6698010 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 #66341A looks like.

```
.text, #text, p{  
  color:#66341A  
}
```

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 #66341A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66341A
}
```

Border

The CSS property to change the border of an element to Decimal 6698010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

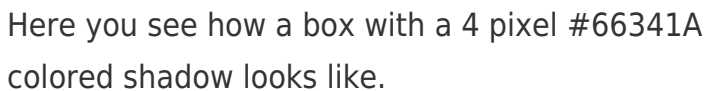
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#66341A }
```

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

```
.border{ border-color:#66341A }
```

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



Here you see how a box with a 4 pixel #66341A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66341A; -webkit-box-shadow:4px 4px  
4px 4px #66341A; box-shadow:4px 4px 4px  
4px #66341A }
```

Background

The CSS property to change the background color of an element to Decimal 6698010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66341A }
```

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

```
.background{ background-color:#66341A }
```

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