

# Converting Colors

Decimal(6508573)

Have a look what the booklet for  
Decimal(6508573) contains.

<b>Decimal(6508573)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Decimal(6508573)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	63501D
RGB	99, 80, 29
RGB Percent	39%, 31%, 11%
CMY	0.6118, 0.6863, 0.8863
CMYK	0.00, 0.19, 0.71, 0.61
HSL	44°, 55%, 25%
HSV	44°, 71%, 39%
XYZ	8.2360, 8.4787, 2.3649
YIQ	79.8670, 27.6950, -11.8330

# Conversions

## Conversions Part 2

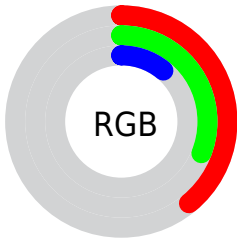
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 99, 29
Decimal	6508573
CIELab	34.96, 1.60, 32.06
CIElCh	35, 32.101, 87.145
Yxy	8.4787, 0.4317, 0.4444
Android (android.graphics.Color)	4284698653 (0xFF63501D)
YUV	79.8670, -25.0774, 16.7796
Hunter-Lab	29.1182, -0.4684, 15.5674

# Details

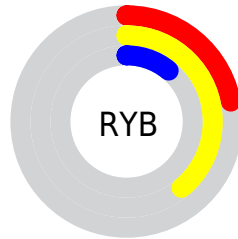
The Decimal color **6508573** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **1912931**, and the grayscale version is **5263440**.

A 20% lighter version of the original color is **9994572**, and **3286016** is the 20% darker color. If you saturate the color by 10%, you get **6507795**, and if you desaturate by 10%, it is **6509351**.

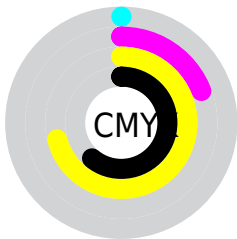
# Distribution



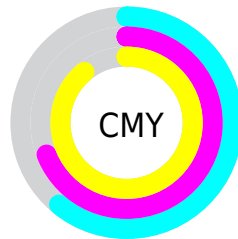
- Red (39%)
- Green (31%)
- Blue (11%)



- Red (22%)
- Yellow (39%)
- Blue (11%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (61%)



- Cyan (61%)
- Magenta (69%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6508573 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 6508573 by changing the saturation by 10% instead.





6508573



6508573

16777215



4864261



9994572



3286016



11836260



1642240



13678206



0



15585688



16772531



16777166



16777195



6508573



6508573

■ 6507795

■ 6509351

■ 6507273

■ 6509873

■ 6506496

■ 6510651

■ 6511429

■ 6511951

■ 6512728

■ 6513506

■ 6514028

■ 6514806

# Harmonies

## Analogous

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



7751464



6508573



4872226

# Triad

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



6508573



24425



7291502

# Complementary

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



6508573



1912931

# 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.



5262464



6508573



23677

# Square

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



6508573



24399



1463941



8404054

# Rectangle

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



6508573



3496750



1463941



6768245



# Sweetspot

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



6508573



8419429



6495537



4209456



12566463



4210752



# Same Dimension

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



6508573



8413715



5530397



3157804



7361024



15773440



# Inverse Universe

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



1912931



1257856



2891107



2895152



7792



16880



# Previews

## White Background



This preview shows how the Decimal color 6508573 looks on a white background.

## Color Contrast Check

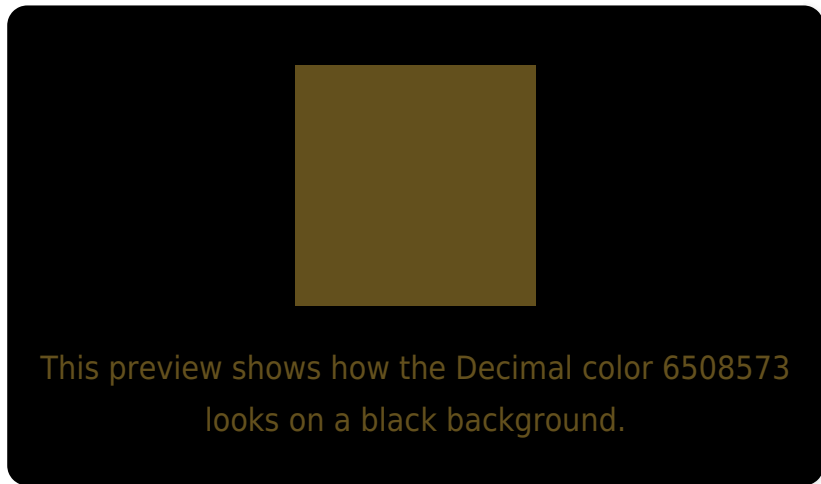
Large Text (above 18pt) WCAG AA ✓ Pass

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

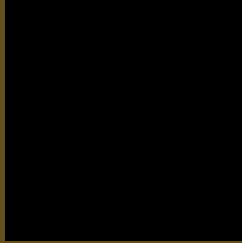
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6508573 Background



This preview shows how black text looks on a background with the Decimal color 6508573.



This preview shows how white text looks on a background with the Decimal color 6508573.

# 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**  
6508573

**Protanopia**  
6050590

**Deuteranopia**  
6770206



**Tritanopia**  
6769489

# Trichromacy



**Original Color**  
6508573

**Protanomaly**  
6246942

**Deuteranomaly**  
6704926

**Tritanomaly**  
6704446

# Monochromacy



**Original Color**  
6508573

**Achromatopsia**  
5263440

**Achromatomaly**  
5722173

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6508573 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 #63501D looks like.

```
.text, #text, p{  
    color:#63501D  
}
```

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 #63501D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63501D
}
```

## Border

The CSS property to change the border of an element to Decimal 6508573 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
#63501D }
```

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

```
.border{ border-color:#63501D }
```

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

Here you see how a box with a 4 pixel #63501D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63501D; -webkit-box-shadow:4px 4px  
4px 4px #63501D; box-shadow:4px 4px 4px  
4px #63501D }
```

# Background

The CSS property to change the background color of an element to Decimal 6508573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63501D }
```

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

```
.background{ background-color:#63501D }
```

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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