

# Converting Colors

Decimal(5718595)

Have a look what the booklet for  
Decimal(5718595) contains.

<b>Decimal(5718595)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5718595)**

# Conversions

## Conversions Part 1

Format	Color
Hex	574243
RGB	87, 66, 67
RGB Percent	34%, 26%, 26%
CMY	0.6588, 0.7412, 0.7373
CMYK	0.00, 0.24, 0.23, 0.66
HSL	357°, 14%, 30%
HSV	357°, 24%, 34%
XYZ	6.8918, 6.3279, 6.1684
YIQ	72.3930, 12.1950, 4.7630

# Conversions

## Conversions Part 2

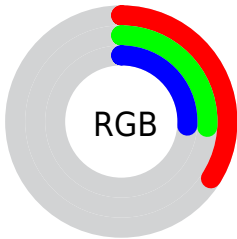
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 66, 67
Decimal	5718595
CIE Lab	30.23, 9.25, 2.89
CIE LCh	30, 9.691, 17.324
Yxy	6.3279, 0.3555, 0.3264
Android (android.graphics.Color)	4283908675 (0xFF574243)
YUV	72.3930, -2.6587, 12.8103
Hunter-Lab	25.1553, 4.8818, 3.0702

# Details

The Decimal color **5718595** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4347734**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **9007731**, and **2692888** is the 20% darker color. If you saturate the color by 10%, you get **5716283**, and if you desaturate by 10%, it is **5720907**.

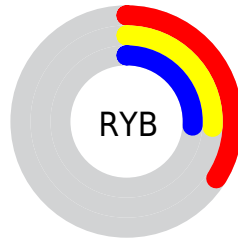
# Distribution



 Red (34%)

 Green (26%)

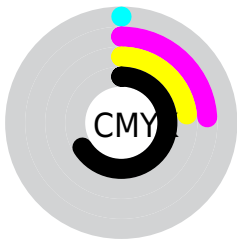
 Blue (26%)



 Red (34%)

 Yellow (26%)

 Blue (26%)

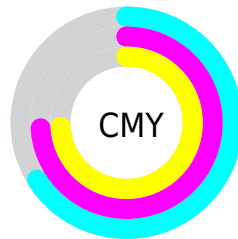


 Cyan (0%)

 Magenta (24%)

 Yellow (23%)

 Black (66%)



 Cyan (66%)

 Magenta (74%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5718595 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 5718595 by changing the saturation by 10% instead.



■ 5718595

■ 5718595

16777215

■ 4140077

■ 9007731

■ 2692888

■ 10783884

■ 1376256

■ 12560039

■ 0

■ 14401986

■ 16244190

■ 16775930

■ 5718595

■ 5718595

■ 5716283

■ 5720907

■ 5714226

■ 5722964

■ 5711914

■ 5725276

■ 5709602

■ 5727588

■ 5707290

■ 5729900

■ 5705233

■ 5731957

■ 5702921

■ 5734269

■ 5701636

■ 5736581

■ 5738638

# Harmonies

## Analogous

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



5521995



5718595



5587772

# Triad

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



5718595



4213309



3885398

# Complementary

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



5718595



4347734

# 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.



3427154



5718595



3689284

# Square

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



5718595



4737081



3361867



4474453

# Rectangle

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



5718595



5391673



3361867



3689045



# Sweetspot

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



5718595



7366761



5653079



3683380



12105912



3684408



# Same Dimension

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



5718595



7360593



5720898



2828071



7012357



15400971



# Inverse Universe

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



5718595



7360593



4345431



2828071



7012357



15400971



# Previews

## White Background



This preview shows how the Decimal color 5718595 looks on a white background.

## Color Contrast Check

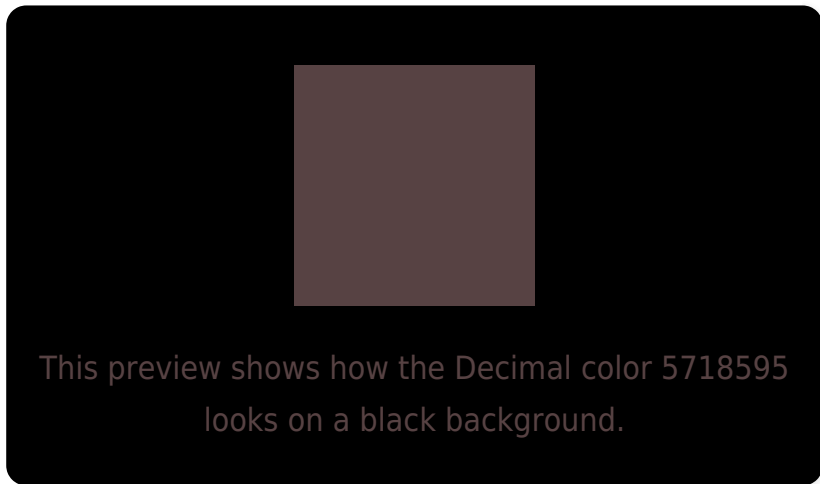
Large Text (above 18pt) WCAG AA ✓ Pass

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 5718595 Background



This preview shows how black text looks on a background with the Decimal color 5718595.

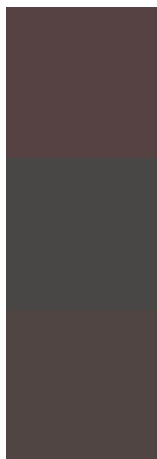


This preview shows how white text looks on a background with the Decimal color 5718595.

# 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**  
5718595

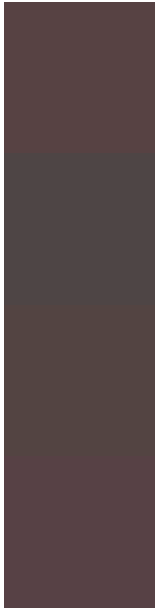
**Protanopia**  
4802374

**Deuteranopia**  
5260610



**Tritanopia**  
5718342

# Trichromacy



**Original Color**

5718595

**Protanomaly**

5129541

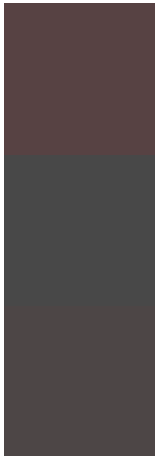
**Deuteranomaly**

5456962

**Tritanomaly**

5718341

# Monochromacy



**Original Color**

5718595

**Achromatopsia**

4737096

**Achromatomaly**

5064262

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5718595 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 #574243 looks like.

```
.text, #text, p{  
    color:#574243  
}
```

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 #574243 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #574243
}
```

## Border

The CSS property to change the border of an element to Decimal 5718595 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".

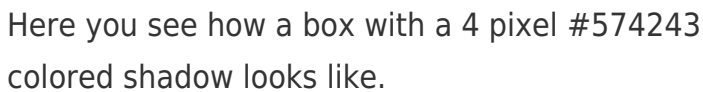
```
.border, #border, table{ border:4px solid
#574243 }
```

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

```
.border{ border-color:#574243 }
```

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

Here you see how a box with a 4 pixel #574243 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #574243; -webkit-box-shadow:4px 4px  
4px 4px #574243; box-shadow:4px 4px 4px  
4px #574243 }
```

# Background

The CSS property to change the background color of an element to Decimal 5718595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#574243 }
```

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

```
.background{ background-color:#574243 }
```

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