

# Converting Colors

Decimal(6509906)

Have a look what the booklet for  
Decimal(6509906) contains.

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# Color

**Decimal(6509906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	635552
RGB	99, 85, 82
RGB Percent	39%, 33%, 32%
CMY	0.6118, 0.6667, 0.6784
CMYK	0.00, 0.14, 0.17, 0.61
HSL	11°, 9%, 35%
HSV	11°, 17%, 39%
XYZ	9.9171, 9.7588, 9.3436
YIQ	88.8440, 9.3070, 2.0350

# Conversions

## Conversions Part 2

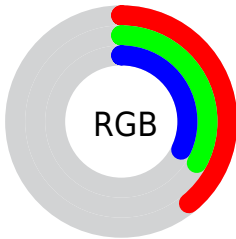
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 86, 82
Decimal	6509906
CIELab	37.41, 5.19, 3.86
CIELCh	37, 6.470, 36.664
Yxy	9.7588, 0.3417, 0.3363
Android (android.graphics.Color)	4284699986 (0xFF635552)
YUV	88.8440, -3.3741, 8.9068
Hunter-Lab	31.2391, 1.9975, 4.1338

# Details

The Decimal color **6509906** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5398627**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **9865091**, and **3418149** is the 20% darker color. If you saturate the color by 10%, you get **6507848**, and if you desaturate by 10%, it is **6511964**.

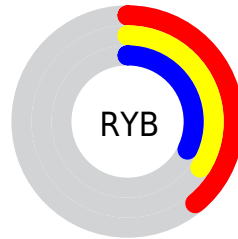
# Distribution



Red (39%)

Green (33%)

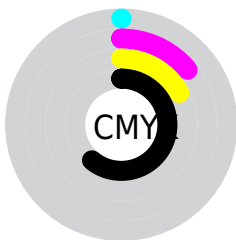
Blue (32%)



Red (39%)

Yellow (34%)

Blue (32%)

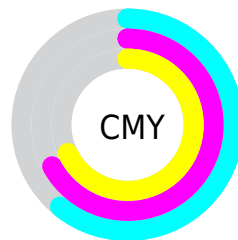


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (61%)



Cyan (61%)

Magenta (67%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 6509906 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 6509906 by changing the saturation by 10% instead.





6509906



6509906

16777215



4931131



9865091



3418149



11641245



2036753



13417656



0



15259860



16774384



6509906



6509906



6507848



6511964



6505790



6514022

6503732

6516080

6501418

6518394

6499361

6520452

6497303

6522509

6495245

6524567

6493187

6526625

6492416

6528683

# Harmonies

## Analogous

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



6509911



6509906



6313551

# Triad

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



6509906



5266260



5527650

# Complementary

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



6509906



5398627

# 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.



5134945



6509906



5004121

# Square

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



6509906



5593680



4938590



5985888

# Rectangle

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



6509906



6117198



4938590



5396834



# Sweetspot

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



6509906



8419961



6509152



4209980



12566463



4210752



# Same Dimension

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



6509906



8415589



6511954



3157036



7345152



15739392



# Inverse Universe

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



5398627



6650752



5396579



2895920



23664



50672



# Previews

## White Background



This preview shows how the Decimal color 6509906 looks on a white background.

## Color Contrast Check

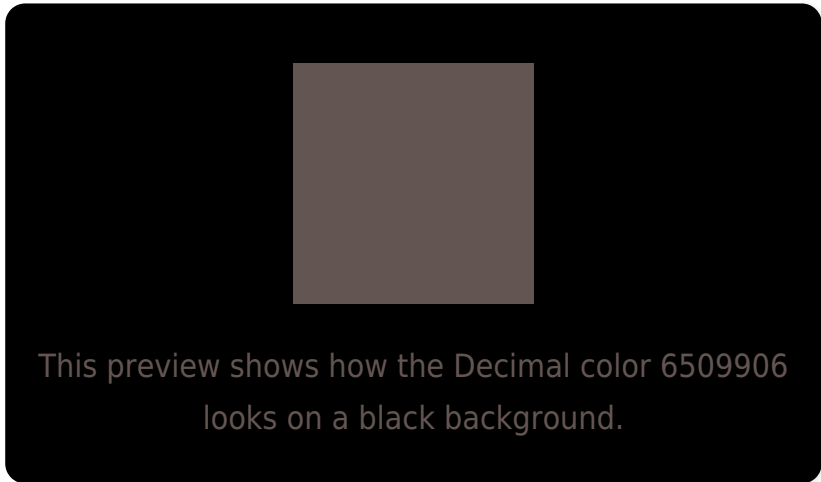
Large Text (above 18pt) WCAG AA ✓ Pass

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

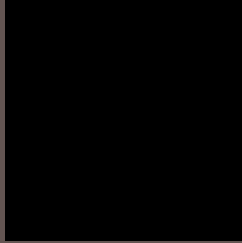
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 6509906 Background



This preview shows how black text looks on a background with the Decimal color 6509906.

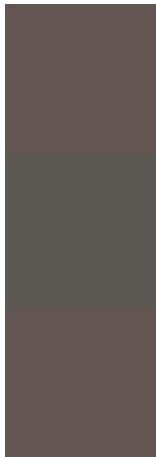


This preview shows how white text looks on a background with the Decimal color 6509906.

# 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**  
6509906

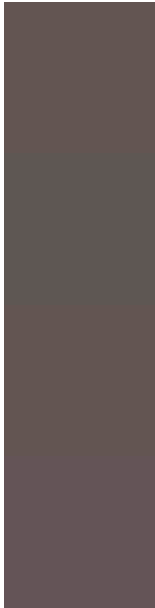
**Protanopia**  
5986387

**Deuteranopia**  
6509906



**Tritanopia**  
6575194

# Trichromacy



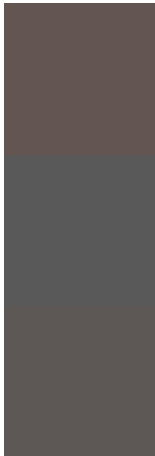
**Original Color**  
6509906

**Protanomaly**  
6182739

**Deuteranomaly**  
6509906

**Tritanomaly**  
6575191

# Monochromacy



**Original Color**  
6509906

**Achromatopsia**  
5855577

**Achromatomaly**  
6117462

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 6509906 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 #635552 looks like.

```
.text, #text, p{  
    color:#635552  
}
```

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 #635552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #635552
}
```

## Border

The CSS property to change the border of an element to Decimal 6509906 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
#635552 }
```

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

```
.border{ border-color:#635552 }
```

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

Here you see how a box with a 4 pixel #635552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #635552; -webkit-box-shadow:4px 4px  
4px 4px #635552; box-shadow:4px 4px 4px  
4px #635552 }
```

# Background

The CSS property to change the background color of an element to Decimal 6509906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#635552 }
```

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

```
.background{ background-color:#635552 }
```

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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