

# Converting Colors

Decimal(11777716)

Have a look what the booklet for  
Decimal(11777716) contains.

<b>Decimal(11777716)</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> .....	22
<i><b>Color Blindness Simulation</b></i> .....	25
<i><b>CSS Examples</b></i> .....	28

# **Color**

**Decimal(11777716)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3B6B4
RGB	179, 182, 180
RGB Percent	70%, 71%, 71%
CMY	0.2980, 0.2863, 0.2941
CMYK	0.02, 0.00, 0.01, 0.29
HSL	140°, 2%, 71%
HSV	140°, 2%, 71%
XYZ	43.5566, 46.3349, 49.8279
YIQ	180.8750, -1.1460, -1.2580

# Conversions

## Conversions Part 2

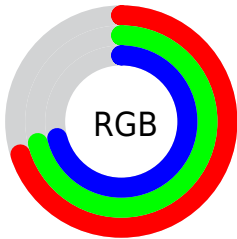
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 181, 182
Decimal	11777716
CIELab	73.76, -1.42, 0.64
CIELCh	74, 1.558, 155.761
Yxy	46.3349, 0.3117, 0.3316
Android (android.graphics.Color)	4289967796 (0xFFB3B6B4)
YUV	180.8750, -0.4314, -1.6444
Hunter-Lab	68.0697, -4.9032, 4.2478

# Details

The Decimal color **11777716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **11973557**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **15462124**, and **8290687** is the 20% darker color. If you saturate the color by 10%, you get **10598056**, and if you desaturate by 10%, it is **12957376**.

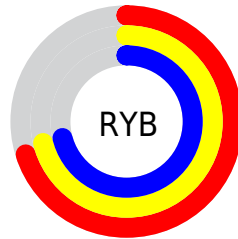
# Distribution



Red (70%)

Green (71%)

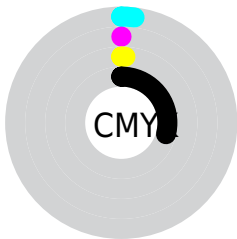
Blue (71%)



Red (70%)

Yellow (71%)

Blue (71%)

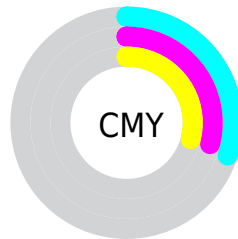


Cyan (2%)

Magenta (0%)

Yellow (1%)

Black (29%)



Cyan (30%)

Magenta (29%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11777716 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 11777716 by changing the saturation by 10% instead.



■ 11777716

■ 11777716

16777215

■ 10001305

■ 15462124

■ 8290687

■ 6645862

■ 5066830

■ 3619128

■ 2171938

■ 724492

■ 0

■ 11777716

■ 11777716

■ 10598056

■ 12957376

■ 9418396

■ 14137036

■ 8173200

■ 15382232

■ 6993539

■ 16561893

■ 5813879

■ 16758513

■ 4634219

■ 16758525

■ 3454559

■ 16758527

■ 2209363

■ 1029703

# Harmonies

## Analogous

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



11908787



11777716



11712181

# Triad

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



11777716



11843000



12104884

# Complementary

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



11777716



11973557

# 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.



12104885



11777716



11974072

# Square

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



11777716



11777720



12039350



12105139

# Rectangle

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



11777716



11712182



12039350



12104884

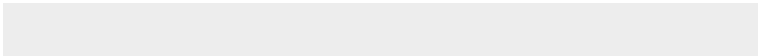


# Sweetspot

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



11777716



15592941



11908787



7895160



16250871

# Same Dimension

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



11777716



15265258



11777718



5921883



39988



7177

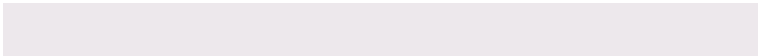


# Inverse Universe

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



11973557



15591660



11973555



6052443



10223720



1835027



# Previews

## White Background



This preview shows how the Decimal color 11777716 looks on a white background.

## Color Contrast Check

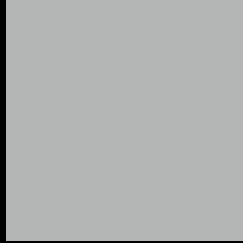
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11777716 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

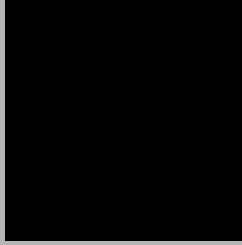
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

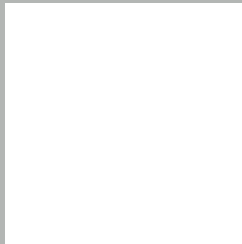
Any Text WCAG AAA ✓ Pass

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

## Decimal 11777716 Background



This preview shows how black text looks on a background with the Decimal color 11777716.



This preview shows how white text looks on a background with the Decimal color 11777716.



# 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**

11777716

**Protanopia**

12170419

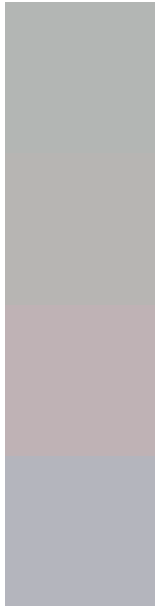
**Deuteranopia**

13021109



**Tritanopia**  
11908290

# Trichromacy



**Original Color**

11777716

**Protanomaly**

12039603

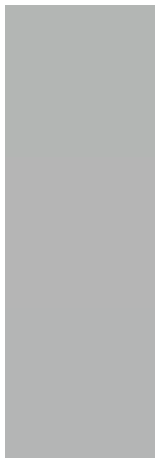
**Deuteranomaly**

12563125

**Tritanomaly**

11843005

# Monochromacy



**Original Color**

11777716

**Achromatopsia**

11908533

**Achromatomaly**

11842997

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11777716 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 #B3B6B4 looks like.

```
.text, #text, p{  
    color:#B3B6B4  
}
```

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 #B3B6B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B3B6B4
}
```

## Border

The CSS property to change the border of an element to Decimal 11777716 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
#B3B6B4 }
```

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

```
.border{ border-color:#B3B6B4 }
```

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

Here you see how a box with a 4 pixel #B3B6B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B3B6B4; -webkit-box-shadow:4px 4px  
4px 4px #B3B6B4; box-shadow:4px 4px 4px  
4px #B3B6B4 }
```

# Background

The CSS property to change the background color of an element to Decimal 11777716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B3B6B4 }
```

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

```
.background{ background-color:#B3B6B4 }
```

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