

# Converting Colors

Decimal(11558506)

Have a look what the booklet for  
Decimal(11558506) contains.

<b>Decimal(11558506)</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(11558506)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B05E6A
RGB	176, 94, 106
RGB Percent	69%, 37%, 42%
CMY	0.3098, 0.6314, 0.5843
CMYK	0.00, 0.47, 0.40, 0.31
HSL	351°, 34%, 53%
HSV	351°, 47%, 69%
XYZ	24.5087, 18.2761, 15.8716
YIQ	119.8860, 45.0200, 21.1160

# Conversions

## Conversions Part 2

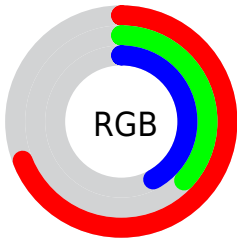
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	176, 94, 106
Decimal	11558506
CIE <sub>Lab</sub>	49.83, 34.50, 8.24
CIE <sub>LCh</sub>	50, 35.471, 13.436
Yxy	18.2761, 0.4178, 0.3116
Android (android.graphics.Color)	4289748586 (0xFFB05E6A)
YUV	119.8860, -6.8458, 49.2120
Hunter-Lab	42.7506, 27.5197, 7.9134

# Details

The Decimal color **11558506** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6205604**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **15372957**, and **7875643** is the 20% darker color. If you saturate the color by 10%, you get **11553883**, and if you desaturate by 10%, it is **11563129**.

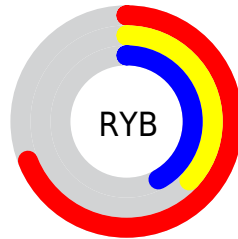
# Distribution



Red (69%)

Green (37%)

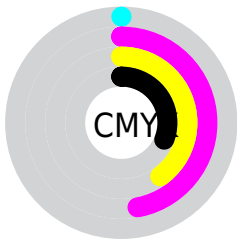
Blue (42%)



Red (69%)

Yellow (37%)

Blue (42%)

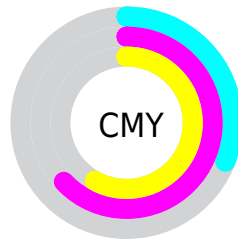


Cyan (0%)

Magenta (47%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (63%)














Yellow (58%)




# Brightness & Saturation Gradients

These gradients show how the Decimal color 11558506 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 11558506 by changing the saturation by 10% instead.



 11558506	 11558506
 16777215	 9717074
 15372957	 7875643
 16756152	 6099749
 16763348	 4390929
 16770544	 2949122
	 0

 11558506	 11558506
 11553883	 11563129
 11549516	 11567496

■ 11544893

■ 11572119

■ 11540526

■ 11576486

■ 11535903

■ 11581109

■ 11534362

■ 11585732

■ 11590099

■ 11594722

■ 11599089

# Harmonies

## Analogous

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



10903688



11558506



11166798

# Triad

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



11558506



5931337



1212080

# Complementary

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



11558506



6205604

# 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.



33951



11558506



3114340

# Square

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



11558506



8157498



34435



6190513

# Rectangle

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



11558506



10447681



34435



33196



# Sweetspot

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



11558506



15123914



10772144



7561058



15921906



7566195



# Same Dimension

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



11558506



15099256



11565918



5853266



10027030



1703940



# Inverse Universe

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



11558506



15099256



6198192



5853266



10027030

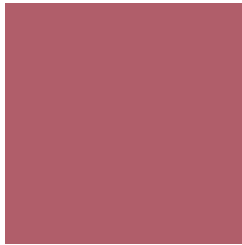


1703940



# Previews

## White Background



This preview shows how the Decimal color 11558506 looks on a white background.

## Color Contrast Check

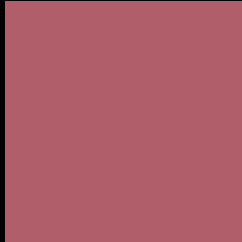
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11558506 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 × Fail

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



## Decimal 11558506 Background



This preview shows how black text looks on a background with the Decimal color 11558506.



This preview shows how white text looks on a background with the Decimal color 11558506.

# 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**  
11558506

**Protanopia**  
7960183

**Deuteranopia**  
8942439



# Trichromacy



**Original Color**  
11558506

**Protanomaly**  
9268594

**Deuteranomaly**  
9923432

**Tritanomaly**  
11558759

# Monochromacy



**Original Color**  
11558506

**Achromatopsia**  
7895160

**Achromatomaly**  
9203571

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11558506 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 #B05E6A looks like.

```
.text, #text, p{  
    color:#B05E6A  
}
```

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 #B05E6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05E6A
}
```

## Border

The CSS property to change the border of an element to Decimal 11558506 is called "border". The border property can be set on classes, ids or directly on the HTML element.

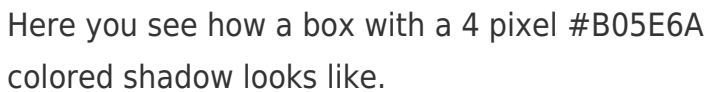
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B05E6A }
```

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

```
.border{ border-color:#B05E6A }
```

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



Here you see how a box with a 4 pixel #B05E6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05E6A; -webkit-box-shadow:4px 4px  
4px 4px #B05E6A; box-shadow:4px 4px 4px  
4px #B05E6A }
```

# Background

The CSS property to change the background color of an element to Decimal 11558506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05E6A }
```

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

```
.background{ background-color:#B05E6A }
```

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