

# Converting Colors

Decimal(11358511)

Have a look what the booklet for  
Decimal(11358511) contains.

<b>Decimal(11358511)</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(11358511)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AD512F
RGB	173, 81, 47
RGB Percent	68%, 32%, 18%
CMY	0.3216, 0.6824, 0.8157
CMYK	0.00, 0.53, 0.73, 0.32
HSL	16°, 57%, 43%
HSV	16°, 73%, 68%
XYZ	20.6891, 14.9743, 4.4892
YIQ	104.6320, 65.7460, 8.9300

# Conversions

## Conversions Part 2

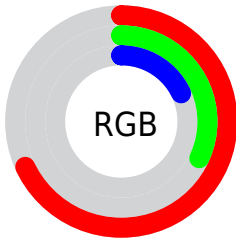
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	173, 94, 47
Decimal	11358511
CIE <sub>Lab</sub>	45.60, 35.26, 37.11
CIE <sub>LCh</sub>	46, 51.191, 46.467
Yxy	14.9743, 0.5153, 0.3729
Android (android.graphics.Color)	4289548591 (0xFFAD512F)
YUV	104.6320, -28.4126, 59.9587
Hunter-Lab	38.6967, 27.7155, 20.2094

# Details

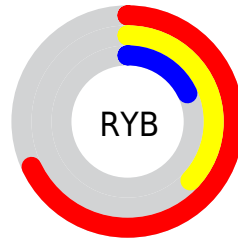
The Decimal color **11358511** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3115949**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **15303775**, and **7544576** is the 20% darker color. If you saturate the color by 10%, you get **11355166**, and if you desaturate by 10%, it is **11361856**.

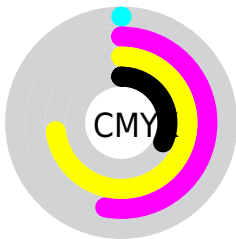
# Distribution



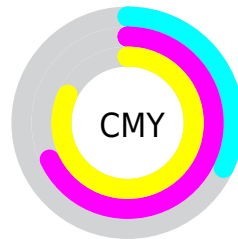
- Red (68%)
- Green (32%)
- Blue (18%)



- Red (68%)
- Yellow (37%)
- Blue (18%)



- Cyan (0%)
- Magenta (53%)
- Yellow (73%)
- Black (32%)



- Cyan (32%)
- Magenta (68%)
- Yellow (82%)
- Black (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11358511 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 11358511 by changing the saturation by 10% instead.



 11358511       11358511

16777215       9451544

 15303775       7544576

 16752504       5636864

 16759698       3801088

 16766893       1966081

 16774088       0

 16777188

 11358511       11358511

 11355166       11361856

11352076

11364946

11349760

11368291

11371636

11374726

11378071

11381160

11384505

11387851

# Harmonies

## Analogous

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



12141398



11358511



9528078

# Triad

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



11358511



32598



4417982

# Complementary

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



11358511



3115949

# 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.



30399



11358511



32899

# Square

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



11358511



3701293



32425



9197223

# Rectangle

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



11358511



7957764



32425



28353



# Sweetspot

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



11358511



14728367



11349899



7363411



15790320



7368816



# Same Dimension

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



11358511



14701085



11374639



5722190



9840896



1508864



# Inverse Universe

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



3115949



1944800



3099821



5133399



28310



4375



# Previews

## White Background



This preview shows how the Decimal color 11358511 looks on a white background.

## Color Contrast Check

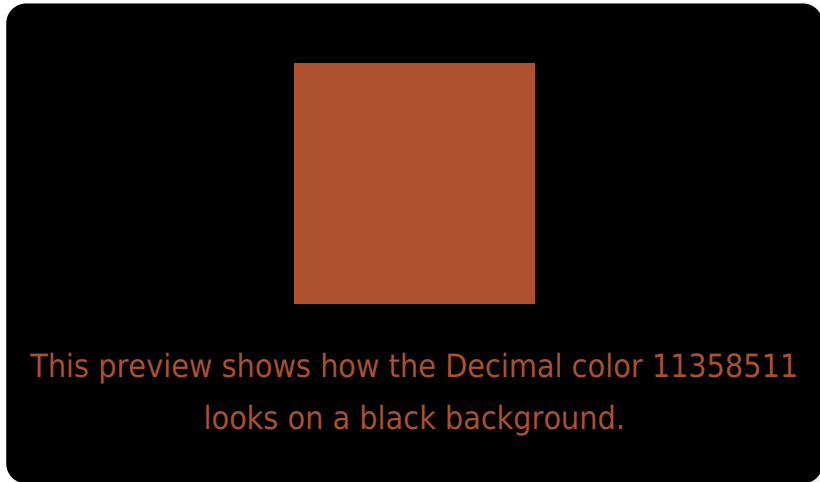
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 11358511 Background



This preview shows how black text looks on a background with the Decimal color 11358511.



This preview shows how white text looks on a background with the Decimal color 11358511.

# 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**  
11358511

**Protanopia**  
7892280

**Deuteranopia**  
8873770



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11358511 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 #AD512F looks like.

```
.text, #text, p{  
    color:#AD512F  
}
```

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 #AD512F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AD512F
}
```

## Border

The CSS property to change the border of an element to Decimal 11358511 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
#AD512F }
```

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

```
.border{ border-color:#AD512F }
```

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

Here you see how a box with a 4 pixel #AD512F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AD512F; -webkit-box-shadow:4px 4px  
4px 4px #AD512F; box-shadow:4px 4px 4px  
4px #AD512F }
```

# Background

The CSS property to change the background color of an element to Decimal 11358511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AD512F }
```

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

```
.background{ background-color:#AD512F }
```

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