

# Converting Colors

Decimal(11425295)

Have a look what the booklet for  
Decimal(11425295) contains.

<b>Decimal(11425295)</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(11425295)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE560F
RGB	174, 86, 15
RGB Percent	68%, 34%, 6%
CMY	0.3176, 0.6627, 0.9412
CMYK	0.00, 0.51, 0.91, 0.32
HSL	27°, 84%, 37%
HSV	27°, 91%, 68%
XYZ	20.8696, 15.6887, 2.3802
YIQ	104.2180, 75.2390, -3.4250

# Conversions

## Conversions Part 2

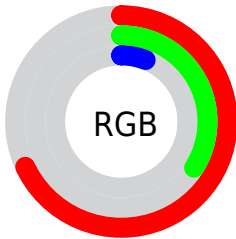
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 143, 15
Decimal	11425295
CIELab	46.56, 31.97, 51.95
CIElCh	47, 60.998, 58.387
Yxy	15.6887, 0.5360, 0.4029
Android (android.graphics.Color)	4289615375 (0xFFAE560F)
YUV	104.2180, -43.9845, 61.1988
Hunter-Lab	39.6090, 24.7340, 24.1634

# Details

The Decimal color **11425295** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1009582**, and the grayscale version is **6908265**.

A 20% lighter version of the original color is **15436100**, and **7546368** is the 20% darker color. If you saturate the color by 10%, you get **11423232**, and if you desaturate by 10%, it is **11427872**.

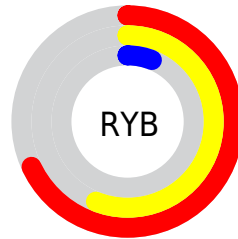
# Distribution



Red (68%)

Green (34%)

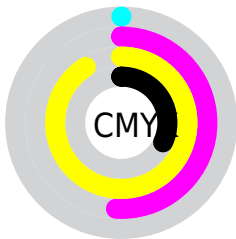
Blue (6%)



Red (68%)

Yellow (56%)

Blue (6%)

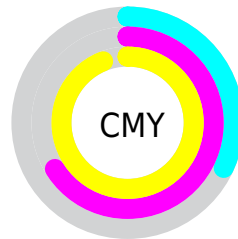


Cyan (0%)

Magenta (51%)

Yellow (91%)

Black (32%)



Cyan (32%)

Magenta (66%)














Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11425295 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 11425295 by changing the saturation by 10% instead.



 11425295	 11425295
16777215	 9453056
 15436100	 7546368
 16753757	 5639168
 16760695	 3801088
 16767889	 2031617
 16775341	 0
 16777161	
 16777189	
 11425295	 11425295

■ 11423232

■ 11427872

■ 11430194

■ 11432771

■ 11435349

■ 11437670

■ 11440247

■ 11442569

■ 11445146

■ 11447724

# Harmonies

## Analogous

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



12926529



11425295



8940288

# Triad

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



11425295



34154



6644425

# Complementary

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



11425295



1009582

# 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.



30421



11425295



34206

# Square

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



11425295



33077



33221



11028645

# Rectangle

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



11425295



6845696



33221



3893712



# Sweetspot

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



11425295



14926246



11407209



7560782



15921906



7566195



# Same Dimension

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



11425295



14902528



11445007



5722702



9847552



1509888



# Inverse Universe

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



1009582



32483



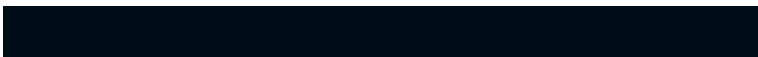
989870



5133143



21398



3351



# Previews

## White Background



This preview shows how the Decimal color 11425295 looks on a white background.

## Color Contrast Check

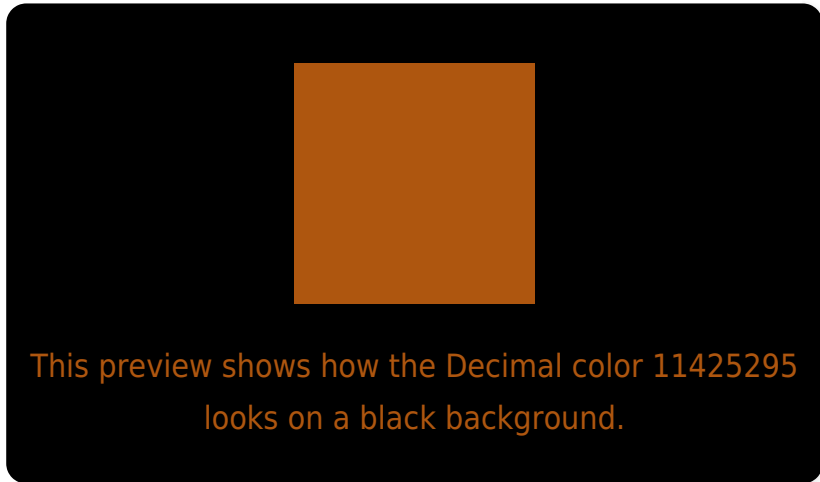
Large Text (above 18pt) WCAG AA ✓ Pass

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 11425295 Background



This preview shows how black text looks on a background with the Decimal color 11425295.



This preview shows how white text looks on a background with the Decimal color 11425295.

# 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



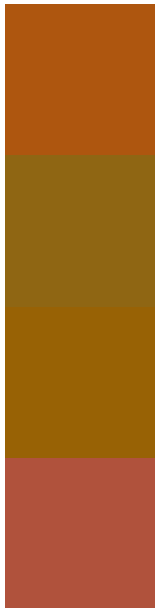
**Original Color**  
11425295

**Protanopia**  
8220438

**Deuteranopia**  
9201920



# Trichromacy



**Original Color**  
11425295

**Protanomaly**  
9397779

**Deuteranomaly**  
9986565

**Tritanomaly**  
11555388

# Monochromacy



**Original Color**  
11425295

**Achromatopsia**  
6842472

**Achromatomaly**  
8479048

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11425295 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 #AE560F looks like.

```
.text, #text, p{  
    color:#AE560F  
}
```

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 #AE560F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE560F
}
```

## Border

The CSS property to change the border of an element to Decimal 11425295 is called "border". The border property can be set on classes, ids or directly on the HTML element.

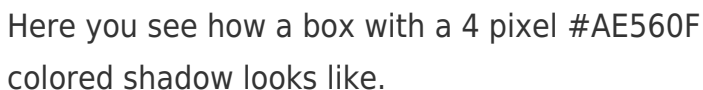
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE560F }
```

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

```
.border{ border-color:#AE560F }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #AE560F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE560F; -webkit-box-shadow:4px 4px  
4px 4px #AE560F; box-shadow:4px 4px 4px  
4px #AE560F }
```

# Background

The CSS property to change the background color of an element to Decimal 11425295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE560F }
```

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

```
.background{ background-color:#AE560F }
```

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