

# Converting Colors

Decimal(11556121)

Have a look what the booklet for  
Decimal(11556121) contains.

<b>Decimal(11556121)</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(11556121)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B05519
RGB	176, 85, 25
RGB Percent	69%, 33%, 10%
CMY	0.3098, 0.6667, 0.9020
CMYK	0.00, 0.52, 0.86, 0.31
HSL	24°, 75%, 39%
HSV	24°, 86%, 69%
XYZ	21.3285, 15.7973, 2.8448
YIQ	105.3690, 73.4960, 0.6320

# Conversions

## Conversions Part 2

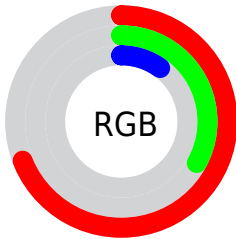
<b>Format</b>	<b>Color</b>
<b>RYB</b>	176, 125, 25
Decimal	11556121
CIELab	46.71, 33.55, 48.77
CIELCh	47, 59.195, 55.476
Yxy	15.7973, 0.5336, 0.3952
Android (android.graphics.Color)	4289746201 (0xFFB05519)
YUV	105.3690, -39.6219, 61.9434
Hunter-Lab	39.7458, 26.2318, 23.5785

# Details

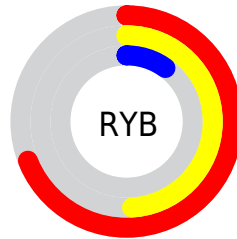
The Decimal color **11556121** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **1668272**, and the grayscale version is **6974058**.

A 20% lighter version of the original color is **15566923**, and **7676928** is the 20% darker color. If you saturate the color by 10%, you get **11553287**, and if you desaturate by 10%, it is **11558955**.

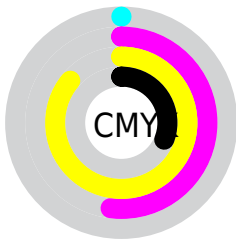
# Distribution



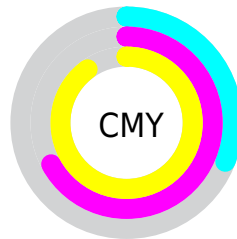
- Red (69%)
- Green (33%)
- Blue (10%)



- Red (69%)
- Yellow (49%)
- Blue (10%)



- Cyan (0%)
- Magenta (52%)
- Yellow (86%)
- Black (31%)




















- Cyan (31%)
- Magenta (67%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11556121 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 11556121 by changing the saturation by 10% instead.



 11556121	 11556121
16777215	 9583616
 15566923	 7676928
 16753508	 5769472
 16760702	 3932160
 16767896	 2162689
 16775092	 0
 16777168	
 16777196	
 11556121	 11556121

■ 11553287

■ 11558955

■ 11552256

■ 11561532

■ 11564366

■ 11566943

■ 11569777

■ 11572611

■ 11575188

■ 11578022

■ 11580599

# Harmonies

## Analogous

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



12861255



11556121



9202176

# Triad

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



11556121



34149



6120905

# Complementary

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



11556121



1668272

# 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.



30674



11556121



34200

# Square

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



11556121



33074



33216



10701992

# Rectangle

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



11556121



7173120



33216



3108047



# Sweetspot

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



11556121



15123114



11540854



7560527



15921906



7566195



# Same Dimension

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



11556121



15096576



11574809



5854288



10042624



1706496



# Inverse Universe

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



1668272



35558



1649584



5264985



23705



3866



# Previews

## White Background



This preview shows how the Decimal color 11556121 looks on a white background.

## Color Contrast Check

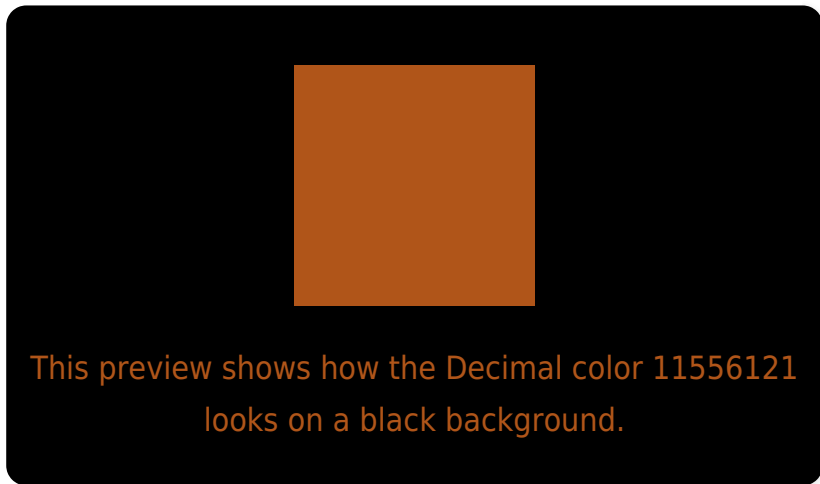
Large Text (above 18pt) WCAG AA ✓ Pass

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 11556121 Background



This preview shows how black text looks on a background with the Decimal color 11556121.



This preview shows how white text looks on a background with the Decimal color 11556121.

# 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**  
11556121

**Protanopia**  
8220704

**Deuteranopia**  
9267724



**Tritanopia**  
11685717

# Trichromacy



**Original Color**  
11556121

**Protanomaly**  
9463325

**Deuteranomaly**  
10117649

**Tritanomaly**  
11620671

# Monochromacy



**Original Color**  
11556121

**Achromatopsia**  
6908265

**Achromatomaly**  
8610380

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11556121 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 #B05519 looks like.

```
.text, #text, p{  
    color:#B05519  
}
```

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 #B05519 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B05519
}
```

## Border

The CSS property to change the border of an element to Decimal 11556121 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
#B05519 }
```

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

```
.border{ border-color:#B05519 }
```

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

Here you see how a box with a 4 pixel #B05519 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B05519; -webkit-box-shadow:4px 4px  
4px 4px #B05519; box-shadow:4px 4px 4px  
4px #B05519 }
```

# Background

The CSS property to change the background color of an element to Decimal 11556121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B05519 }
```

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

```
.background{ background-color:#B05519 }
```

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