

# Converting Colors

Decimal(11877888)

Have a look what the booklet for  
Decimal(11877888) contains.

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**Color**

**Decimal(11877888)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B53E00
RGB	181, 62, 0
RGB Percent	71%, 24%, 0%
CMY	0.2902, 0.7569, 1.0000
CMYK	0.00, 0.66, 1.00, 0.29
HSL	21°, 100%, 35%
HSV	21°, 100%, 71%
XYZ	20.7787, 13.2690, 1.4660
YIQ	90.5130, 90.8260, 5.9460

# Conversions

## Conversions Part 2

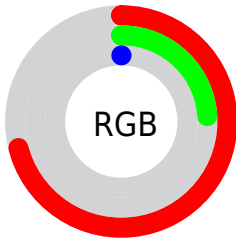
Format	Color
R <sub>Y</sub> B	181, 94, 0
Decimal	11877888
CIE Lab	43.17, 46.18, 54.43
CIE LCh	43, 71.381, 49.687
Yxy	13.2690, 0.5851, 0.3736
Android (android.graphics.Color)	4290067968 (0xFFB53E00)
YUV	90.5130, -44.6229, 79.3571
Hunter-Lab	36.4266, 38.0743, 23.1125

# Details

The Decimal color **11877888** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **30645**, and the grayscale version is **5987163**.

A 20% lighter version of the original color is **16020280**, and **7798784** is the 20% darker color. If you saturate the color by 10%, you get **11877888**, and if you desaturate by 10%, it is **11880978**.

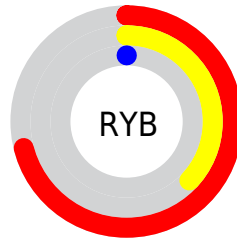
# Distribution



Red (71%)

Green (24%)

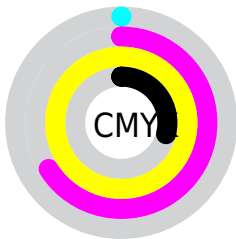
Blue (0%)



Red (71%)

Yellow (37%)

Blue (0%)

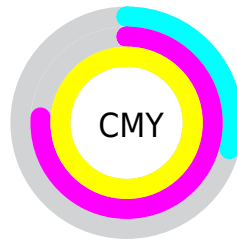


Cyan (0%)

Magenta (66%)

Yellow (100%)

Black (29%)



Cyan (29%)

Magenta (76%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11877888 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 11877888 by changing the saturation by 10% instead.



 11877888	 11877888
 16777204	 9839104
 16020280	 7798784
 16748113	 5832704
 16755050	 3997697
 16762245	 1966081
 16769695	 0
 16777147	
 16777175	
 11877888	

 11880978

 11884068

 11887158

 11890248

 11893339

 11896173

 11899263

 11902353

 11905443

# Harmonies

## Analogous

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



13242434



11877888



9264128

# Triad

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



11877888



32079



614615

# Complementary

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



11877888



30645

# 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.



29660



11877888



32652

# Square

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



11877888



30981



32192



9846708

# Rectangle

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



11877888



7039488



32192



26844



# Sweetspot

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



11877888



15449252



11862137



7690827



16119285



7697781



# Same Dimension

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



11877888



15421440



11900672



5854032



10040320



1706240



# Inverse Universe

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



30645



39659



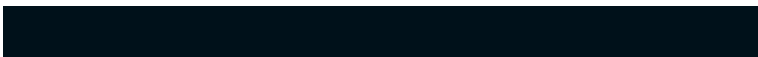
7861



5264985



26009



4378



# Previews

## White Background



This preview shows how the Decimal color 11877888 looks on a white background.

## Color Contrast Check

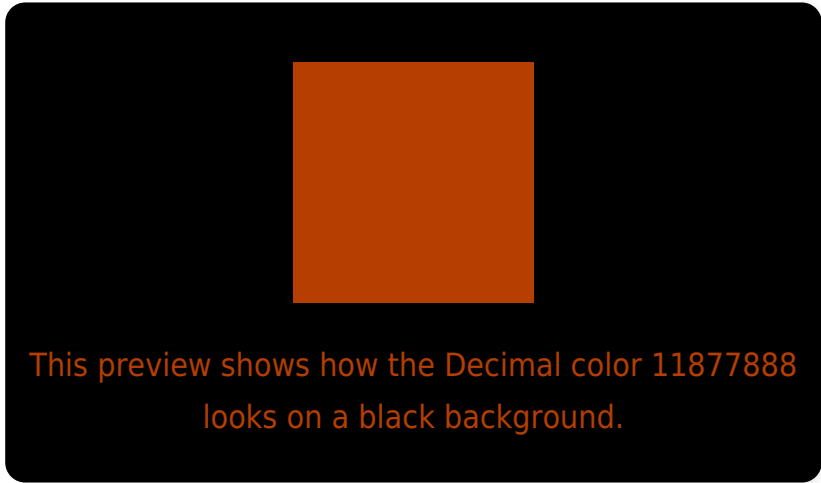
Large Text (above 18pt) WCAG AA ✓ Pass

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 11877888 Background



This preview shows how black text looks on a background with the Decimal color 11877888.



This preview shows how white text looks on a background with the Decimal color 11877888.

# 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**  
11877888

**Protanopia**  
7628563

**Tritanopia**  
11942461

# Trichromacy



**Original Color**  
11877888

**Protanomaly**  
9197580

**Tritanomaly**  
11942695

# Monochromacy



**Original Color**  
11877888

**Achromatopsia**  
5987163

**Achromatomaly**  
8147002

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11877888 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 #B53E00 looks like.

```
.text, #text, p{  
  color:#B53E00  
}
```

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 #B53E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B53E00
}
```

## Border

The CSS property to change the border of an element to Decimal 11877888 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
#B53E00 }
```

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

```
.border{ border-color:#B53E00 }
```

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

Here you see how a box with a 4 pixel #B53E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B53E00; -webkit-box-shadow:4px 4px  
4px 4px #B53E00; box-shadow:4px 4px 4px  
4px #B53E00 }
```

# Background

The CSS property to change the background color of an element to Decimal 11877888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B53E00 }
```

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

```
.background{ background-color:#B53E00 }
```

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](#).

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