

# Converting Colors

Decimal(12081989)

Have a look what the booklet for  
Decimal(12081989) contains.

<b>Decimal(12081989)</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(12081989)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B85B45
RGB	184, 91, 69
RGB Percent	72%, 36%, 27%
CMY	0.2784, 0.6431, 0.7294
CMYK	0.00, 0.51, 0.63, 0.28
HSL	11°, 45%, 50%
HSV	11°, 62%, 72%
XYZ	24.5824, 18.1022, 7.8287
YIQ	116.2990, 62.4900, 12.8740

# Conversions

## Conversions Part 2

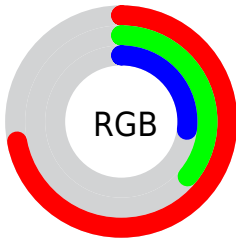
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	184, 96, 69
Decimal	12081989
CIE <sub>Lab</sub>	49.62, 35.72, 29.97
CIE <sub>LCh</sub>	50, 46.630, 39.999
Yxy	18.1022, 0.4867, 0.3584
Android (android.graphics.Color)	4290272069 (0xFFB85B45)
YUV	116.2990, -23.3184, 59.3738
Hunter-Lab	42.5467, 28.6763, 18.8732

# Details

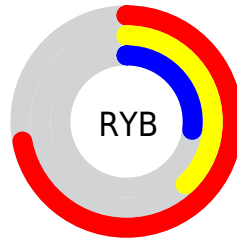
The Decimal color **12081989** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **4563640**, and the grayscale version is **7631988**.

A 20% lighter version of the original color is **16027510**, and **8268057** is the 20% darker color. If you saturate the color by 10%, you get **12078131**, and if you desaturate by 10%, it is **12085847**.

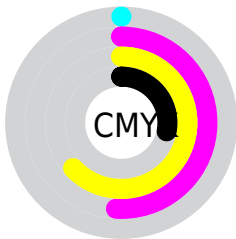
# Distribution



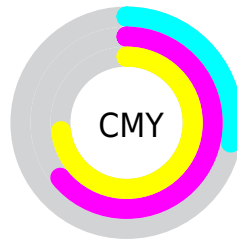
- Red (72%)
- Green (36%)
- Blue (27%)



- Red (72%)
- Yellow (38%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (63%)
- Black (28%)



- Cyan (28%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12081989 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 12081989 by changing the saturation by 10% instead.



 12081989

 12081989

16777215

 10175022

 16027510

 8268057

 16755344

 6426112

 16762538

 4521984

 16769733

 3014658

 16777186

 0

16777214

 12081989

 12081989

 12078131

 12085847

12074272

12089706

12070414

12093564

12067584

12097423

12101025

12104883

12108742

12112600

12116459

# Harmonies

## Analogous

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



12538474



12081989



10578473

# Triad

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



12081989



34649



4421316

# Complementary

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



12081989



4563640

# 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.



33216



12081989



35202

# Square

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



12081989



5538358



34984



9070259

# Rectangle

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



12081989



9139233



34984



555717



# Sweetspot

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



12081989



15780802



12076451



7889500



16250871



7895160



# Same Dimension

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



12081989



15752764



12096581



6050899



10231296



1836288



# Inverse Universe

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



4563640



3984880



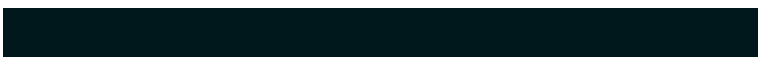
4549048



5462620



32412

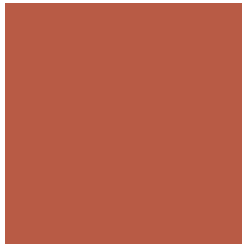


5916



# Previews

## White Background



This preview shows how the Decimal color 12081989 looks on a white background.

## Color Contrast Check

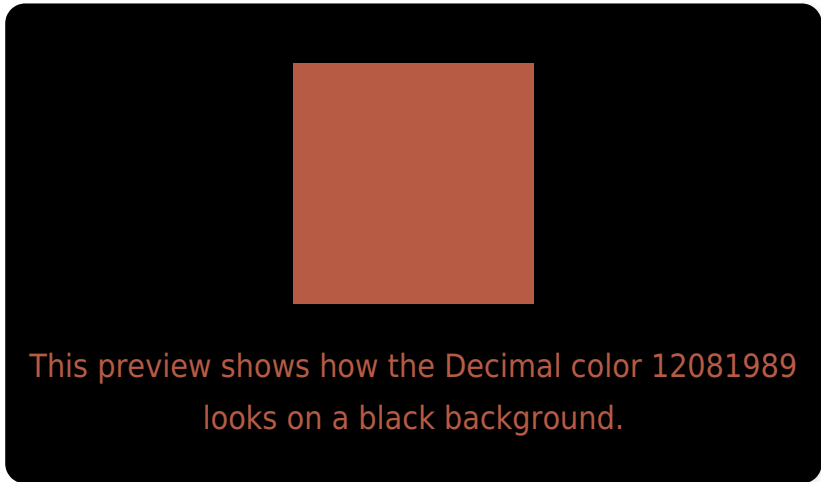
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

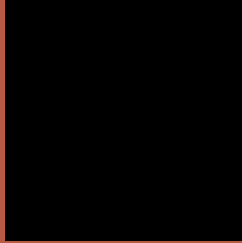
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12081989 Background



This preview shows how black text looks on a background with the Decimal color 12081989.



This preview shows how white text looks on a background with the Decimal color 12081989.

# 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**  
12081989

**Protanopia**  
8418895

**Deuteranopia**  
9531713



# Trichromacy



**Original Color**  
12081989

**Protanomaly**  
9727051

**Deuteranomaly**  
10447170

**Tritanomaly**  
12147029

# Monochromacy



**Original Color**  
12081989

**Achromatopsia**  
7631988

**Achromatomaly**  
9268067

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12081989 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 #B85B45 looks like.

```
.text, #text, p{  
  color:#B85B45  
}
```

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 #B85B45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B85B45
}
```

## Border

The CSS property to change the border of an element to Decimal 12081989 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
#B85B45 }
```

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

```
.border{ border-color:#B85B45 }
```

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

Here you see how a box with a 4 pixel #B85B45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B85B45; -webkit-box-shadow:4px 4px  
4px 4px #B85B45; box-shadow:4px 4px 4px  
4px #B85B45 }
```

# Background

The CSS property to change the background color of an element to Decimal 12081989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B85B45 }
```

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

```
.background{ background-color:#B85B45 }
```

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