

# Converting Colors

Decimal(12150325)

Have a look what the booklet for  
Decimal(12150325) contains.

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# Color

**Decimal(12150325)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B96635
RGB	185, 102, 53
RGB Percent	73%, 40%, 21%
CMY	0.2745, 0.6000, 0.7922
CMYK	0.00, 0.45, 0.71, 0.27
HSL	22°, 55%, 47%
HSV	22°, 71%, 73%
XYZ	25.4016, 20.0741, 5.9040
YIQ	121.2310, 65.1970, 2.3570

# Conversions

## Conversions Part 2

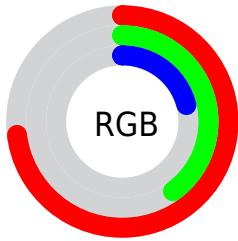
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 131, 53
Decimal	12150325
CIE Lab	51.92, 29.30, 41.41
CIE LCh	52, 50.726, 54.713
Yxy	20.0741, 0.4944, 0.3907
Android (android.graphics.Color)	4290340405 (0xFFB96635)
YUV	121.2310, -33.6379, 55.9254
Hunter-Lab	44.8041, 22.7929, 23.5500

# Details

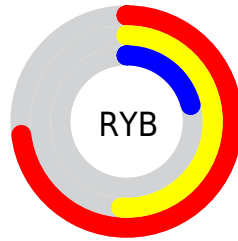
The Decimal color **12150325** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **3508409**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **16095846**, and **8271108** is the 20% darker color. If you saturate the color by 10%, you get **12147235**, and if you desaturate by 10%, it is **12153416**.

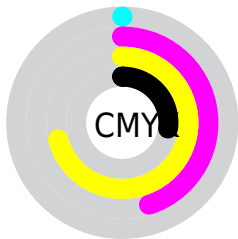
# Distribution



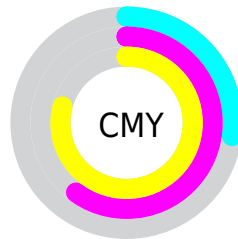
- Red (73%)
- Green (40%)
- Blue (21%)



- Red (73%)
- Yellow (51%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (71%)
- Black (27%)






















- Cyan (27%)
- Magenta (60%)
- Yellow (79%)


# Brightness & Saturation Gradients


These gradients show how the Decimal color 12150325 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 12150325 by changing the saturation by 10% instead.





 12150325	 12150325
 16777215	 10177821
 16095846	 8271108
 16758143	 6430208
 16765338	 4588800
 16772533	 2949120
 16777169	 0
 16777197	
 12150325	 12150325
 12147235	 12153416


 12144400


 12156250

 12141824

 12159341

 12162431

 12165266

 12168356

 12171191

 12174281

 12177372

# Harmonies

## Analogous

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



13260634



12150325



10057502

# Triad

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



12150325



36978



7304395

# Complementary

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



12150325



3508409

# 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.



33746



12150325



37023

# Square

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



12150325



3574855



36290



11100591

# Rectangle

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



12150325



8290335



36290



5405136



# Sweetspot

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



12150325



15782077



12137865



7890266



16250871



7895160



# Same Dimension

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



12150325



15756834



12166965



6051411



10238464



1837568



# Inverse Universe

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



3508409



2270192



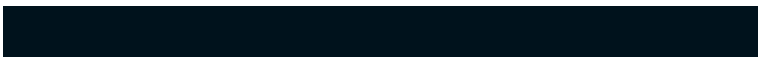
3491769



5462108



25244

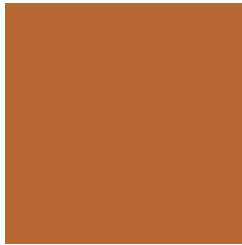


4636



# Previews

## White Background



This preview shows how the Decimal color 12150325 looks on a white background.

## Color Contrast Check

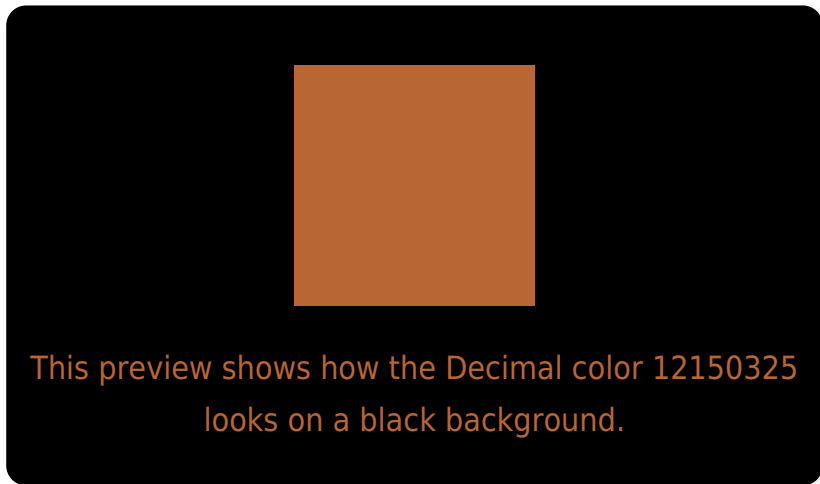
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

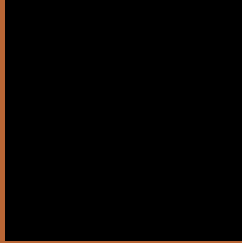
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 12150325 Background



This preview shows how black text looks on a background with the Decimal color 12150325.



This preview shows how white text looks on a background with the Decimal color 12150325.

# 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



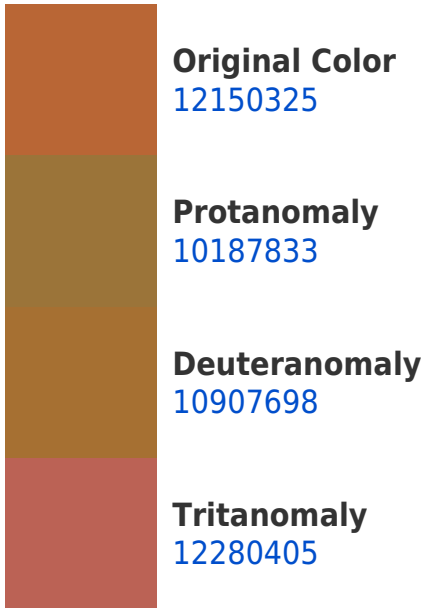
**Original Color**  
12150325

**Protanopia**  
9075772

**Deuteranopia**  
10188337



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12150325 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 #B96635 looks like.

```
.text, #text, p{  
    color:#B96635  
}
```

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 #B96635 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B96635
}
```

## Border

The CSS property to change the border of an element to Decimal 12150325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

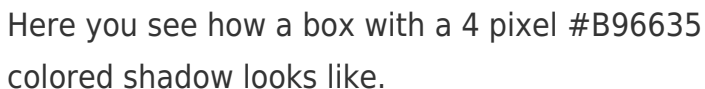
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B96635 }
```

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

```
.border{ border-color:#B96635 }
```

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



Here you see how a box with a 4 pixel #B96635 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B96635; -webkit-box-shadow:4px 4px  
4px 4px #B96635; box-shadow:4px 4px 4px  
4px #B96635 }
```

# Background

The CSS property to change the background color of an element to Decimal 12150325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B96635 }
```

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

```
.background{ background-color:#B96635 }
```

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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