

# Converting Colors

Decimal(12677221)

Have a look what the booklet for  
Decimal(12677221) contains.

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# Color

**Decimal(12677221)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C17065
RGB	193, 112, 101
RGB Percent	76%, 44%, 40%
CMY	0.2431, 0.5608, 0.6039
CMYK	0.00, 0.42, 0.48, 0.24
HSL	7°, 43%, 58%
HSV	7°, 48%, 76%
XYZ	30.1355, 23.8654, 15.3301
YIQ	134.9650, 51.8070, 13.7510

# Conversions

## Conversions Part 2

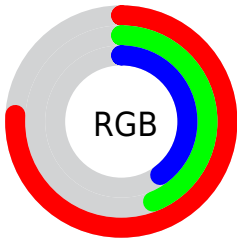
<b>Format</b>	<b>Color</b>
<b>RYB</b>	193, 113, 101
Decimal	12677221
CIELab	55.95, 30.80, 20.01
CIELCh	56, 36.732, 33.009
Yxy	23.8654, 0.4347, 0.3442
Android (android.graphics.Color)	4290867301 (0xFFC17065)
YUV	134.9650, -16.7447, 50.8967
Hunter-Lab	48.8522, 24.6199, 15.5910

# Details

The Decimal color **12677221** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **6665921**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16557464**, and **8928822** is the 20% darker color. If you saturate the color by 10%, you get **12672850**, and if you desaturate by 10%, it is **12681592**.

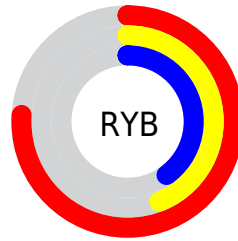
# Distribution



Red (76%)

Green (44%)

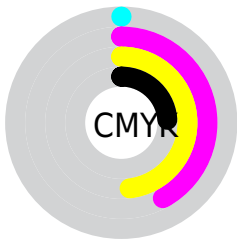
Blue (40%)



Red (76%)

Yellow (44%)

Blue (40%)

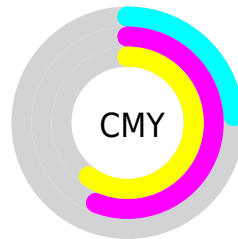


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (24%)



Cyan (24%)

Magenta (56%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12677221 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 12677221 by changing the saturation by 10% instead.



 12677221

 12677221

16777215

 10770253

 16557464

 8928822

 16761011

 7087649

 16768206

 5311755

 16775658

 3604480

 1703937

 0

 12677221

 12677221

 12672850

 12681592

 12668478

 12685964

 12664107

 12690335

 12659736

 12694706

 12655364

 12699077

 12654336

 12703449

 12707820

 12712191

 12713983

# Harmonies

## Analogous

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



12741764



12677221



11631182

# Triad

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



12677221



5084264



5867718

# Complementary

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



12677221



6665921

# 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.



37310



12677221



300936

# Square

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



12677221



7769679



38568



9272764

# Rectangle

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



12677221



10584646



38568



4426949

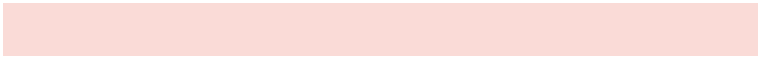


# Sweetspot

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



12677221



16440279



12674486



8219240



16579836



8224125



# Same Dimension

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



12677221



16415851



12688997



6379607



10556160



2163712



# Inverse Universe

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



6665921



7072250



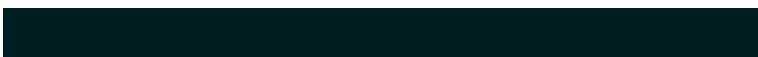
6654145



5726305



36257



7457



# Previews

## White Background



This preview shows how the Decimal color 12677221 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



This preview shows how the Decimal color 12677221 looks on a 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 12677221 Background



This preview shows how black text looks on a background with the Decimal color 12677221.



This preview shows how white text looks on a background with the Decimal color 12677221.

# 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**  
12677221

**Protanopia**  
9340527

**Deuteranopia**  
10453346



**Tritanopia**  
12742262

# Trichromacy



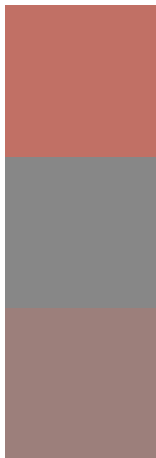
**Original Color**  
12677221

**Protanomaly**  
10583659

**Deuteranomaly**  
11238243

**Tritanomaly**  
12742512

# Monochromacy



**Original Color**  
12677221

**Achromatopsia**  
8882055

**Achromatomaly**  
10256251

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12677221 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 #C17065 looks like.

```
.text, #text, p{  
    color:#C17065  
}
```

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 #C17065 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C17065
}
```

## Border

The CSS property to change the border of an element to Decimal 12677221 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
#C17065 }
```

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

```
.border{ border-color:#C17065 }
```

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

Here you see how a box with a 4 pixel #C17065 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C17065; -webkit-box-shadow:4px 4px  
4px 4px #C17065; box-shadow:4px 4px 4px  
4px #C17065 }
```

# Background

The CSS property to change the background color of an element to Decimal 12677221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C17065 }
```

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

```
.background{ background-color:#C17065 }
```

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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