

# Converting Colors

Decimal(12677726)

Have a look what the booklet for  
Decimal(12677726) contains.

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# Color

**Decimal(12677726)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C1725E
RGB	193, 114, 94
RGB Percent	76%, 45%, 37%
CMY	0.2431, 0.5529, 0.6314
CMYK	0.00, 0.41, 0.51, 0.24
HSL	12°, 44%, 56%
HSV	12°, 51%, 76%
XYZ	30.0300, 24.1802, 13.6742
YIQ	135.3410, 53.5040, 10.5280

# Conversions

## Conversions Part 2

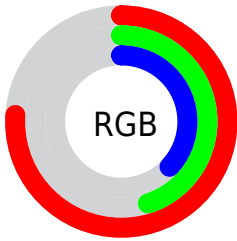
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">193, 119, 94</a>
Decimal	<a href="#">12677726</a>
CIELab	<a href="#">56.27, 29.05, 24.44</a>
CIElCh	<a href="#">56, 37.963, 40.081</a>
Yxy	<a href="#">24.1802, 0.4424, 0.3562</a>
Android (android.graphics.Color)	<a href="#">4290867806</a> ( <a href="#">0xFFC1725E</a> )
YUV	<a href="#">135.3410, -20.3811, 50.5669</a>
Hunter-Lab	<a href="#">49.1734, 22.9558, 17.9340</a>

# Details

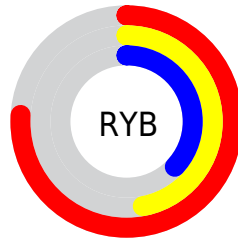
The Decimal color **12677726** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **6204865**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **16557969**, and **8929328** is the 20% darker color. If you saturate the color by 10%, you get **12673867**, and if you desaturate by 10%, it is **12681585**.

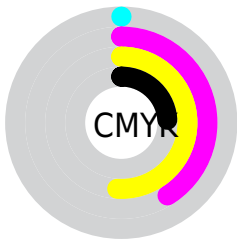
# Distribution



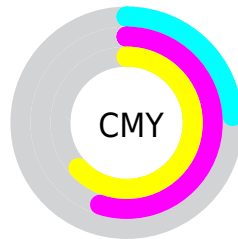
- Red (76%)
- Green (45%)
- Blue (37%)



- Red (76%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (51%)
- Black (24%)



- Cyan (24%)
- Magenta (55%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12677726 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 12677726 by changing the saturation by 10% instead.



 12677726

 12677726

16777215

 10770758

 16557969

 8929328

 16761515

 7088410

 16768711

 5312769

 16776163

 3538944

 1703937

 0

 12677726

 12677726

 12673867

 12681585

 12669751

 12685701

 12665892

 12689560

 12661777

 12693675

 12658432

 12697535

 12701394

 12705509

 12709368

 12713471

# Harmonies

## Analogous

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



13003901



12677726



11435337

# Triad

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



12677726



4232815



6719432

# Complementary

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



12677726



6204865

# 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.



1020100



1267726



39057

# Square

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



12677726



7180627



38576



10058426

# Rectangle

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



12677726



10192196



38576



5343945



# Sweetspot

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



12677726



16440532



12672685



8219494



16579836



8224125



# Same Dimension

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



12677726



16416351



12690270



6379863



10559488



2164480



# Inverse Universe

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



6204865



6282234



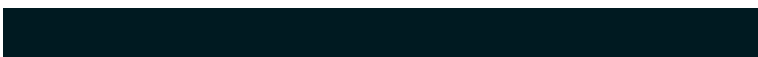
6192321



5726049



32929



6689



# Previews

## White Background



This preview shows how the Decimal color 12677726 looks on a white background.

## Color Contrast Check

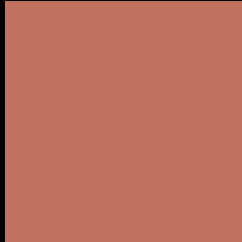
Large Text (above 18pt) WCAG AA ✓ Pass

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 12677726 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 12677726 Background



This preview shows how black text looks on a background with the Decimal color 12677726.



This preview shows how white text looks on a background with the Decimal color 12677726.

# 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





# Trichromacy



**Original Color**  
12677726

**Protanomaly**  
10649444

**Deuteranomaly**  
11369564

**Tritanomaly**  
12742766

# Monochromacy



**Original Color**  
12677726

**Achromatopsia**  
8882055

**Achromatomaly**  
10256248

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12677726 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 #C1725E looks like.

```
.text, #text, p{  
    color:#C1725E  
}
```

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 #C1725E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C1725E
}
```

## Border

The CSS property to change the border of an element to Decimal 12677726 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
#C1725E }
```

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

```
.border{ border-color:#C1725E }
```

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

Here you see how a box with a 4 pixel #C1725E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C1725E; -webkit-box-shadow:4px 4px  
4px 4px #C1725E; box-shadow:4px 4px 4px  
4px #C1725E }
```

# Background

The CSS property to change the background color of an element to Decimal 12677726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C1725E }
```

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

```
.background{ background-color:#C1725E }
```

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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