

Converting Colors

Decimal(12652288)

Have a look what the booklet for
Decimal(12652288) contains.

| | |
|--|----|
| Decimal(12652288) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Decimal(12652288)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C10F00 |
| RGB | 193, 15, 0 |
| RGB Percent | 76%, 6%, 0% |
| CMY | 0.2431, 0.9412, 1.0000 |
| CMYK | 0.00, 0.92, 1.00, 0.24 |
| HSL | 5°, 100%, 38% |
| HSV | 5°, 100%, 76% |
| XYZ | 22.1631, 11.6791, 1.0862 |
| YIQ | 66.5120, 110.9030, 33.0710 |

Conversions

Conversions Part 2

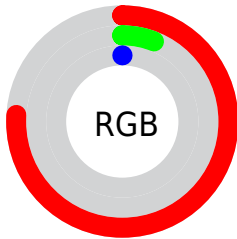
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 193, 16, 0 |
| Decimal | 12652288 |
| CIELab | 40.70, 63.35, 54.71 |
| CIELCh | 41, 83.702, 40.814 |
| Yxy | 11.6791, 0.6345, 0.3344 |
| Android (android.graphics.Color) | 4290842368 (0xFFC10F00) |
| YUV | 66.5120, -32.7904, 110.9300 |
| Hunter-Lab | 34.1747, 55.9559, 22.0379 |

Details

The Decimal color **12652288** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **45761**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **16734004**, and **8454144** is the 20% darker color. If you saturate the color by 10%, you get **12652288**, and if you desaturate by 10%, it is **12656915**.

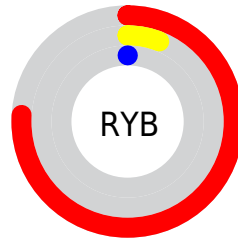
Distribution



Red (76%)

Green (6%)

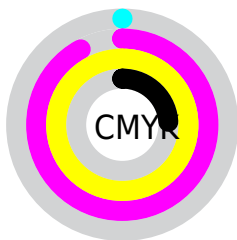
Blue (0%)



Red (76%)

Yellow (6%)

Blue (0%)

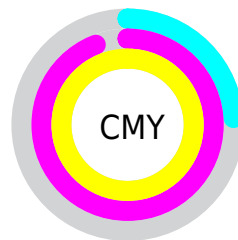


Cyan (0%)

Magenta (92%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (94%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12652288 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 12652288 by changing the saturation by 10% instead.

| | |
|--|--|
|  12652288 |  12652288 |
|  16777197 |  10551296 |
|  16734004 |  8454144 |
|  16741196 |  6422528 |
|  16748645 |  4521987 |
|  16756095 |  2424833 |
|  16763546 |  0 |
|  16770997 | |
|  16777169 | |
|  12652288 | |

 12656915

 12661543

 12665914

 12670541

 12675169

 12679796

 12684423

 12688794

 12693422

Harmonies

Analogous

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



13762635



12652288



9980672

Triad

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



12652288



30767



25322

Complementary

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



12652288



45761

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.



29924



12652288



31352

Square

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



12652288



29184



31418



8010954

Rectangle

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



12652288



7626240



31418



27372

Sweetspot

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



12652288



16430511



12648628



8213328



16579836



8224125

Same Dimension

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



12652288



16388864



12676352



6379607



10554368



2163456

Inverse Universe

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



45761



59130



21697



5726305



38049



7969

Previews

White Background



This preview shows how the Decimal color 12652288 looks on a white background.

Color Contrast Check

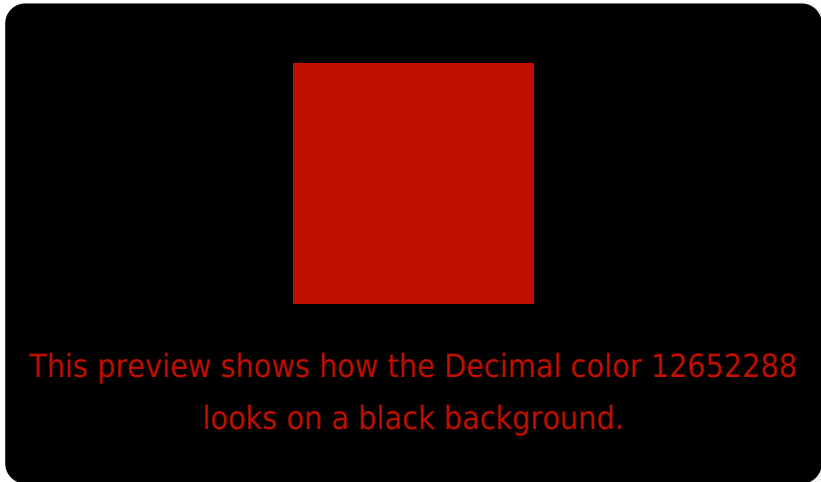
Large Text (above 18pt) WCAG AA ✓ Pass

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 12652288 Background



This preview shows how black text looks on a background with the Decimal color 12652288.



This preview shows how white text looks on a background with the Decimal color 12652288.

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

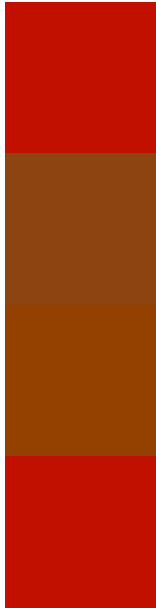


Original Color
12652288

Protanopia
7234073

Deuteranopia
8084736

Trichromacy



Original Color
12652288

Protanomaly
9192464

Deuteranomaly
9715968

Tritanomaly
12652544

Monochromacy



Original Color
12652288

Achromatopsia
4408131

Achromatomaly
7417899

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12652288 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 #C10F00 looks like.

```
.text, #text, p{  
    color:#C10F00  
}
```

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 #C10F00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C10F00
}
```

Border

The CSS property to change the border of an element to Decimal 12652288 is called "border". The border property can be set on classes, ids or directly on the HTML element.

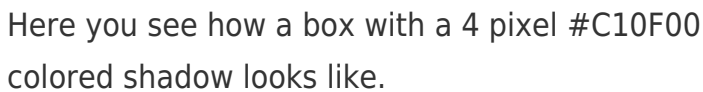
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#C10F00 }
```

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

```
.border{ border-color:#C10F00 }
```

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



Here you see how a box with a 4 pixel `#C10F00` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C10F00; -webkit-box-shadow:4px 4px  
4px 4px #C10F00; box-shadow:4px 4px 4px  
4px #C10F00 }
```

Background

The CSS property to change the background color of an element to Decimal 12652288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C10F00 }
```

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

```
.background{ background-color:#C10F00 }
```

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