

# Converting Colors

Decimal(12763188)

Have a look what the booklet for  
Decimal(12763188) contains.

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# Color

**Decimal(12763188)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C2C034                      |
| RGB         | 194, 192, 52                |
| RGB Percent | 76%, 75%, 20%               |
| CMY         | 0.2392, 0.2471, 0.7961      |
| CMYK        | 0.00, 0.01, 0.73, 0.24      |
| HSL         | 59°, 58%, 48%               |
| HSV         | 59°, 73%, 76%               |
| XYZ         | 41.7176, 49.4165, 10.5884   |
| YIQ         | 176.6380, 46.1320, -43.1160 |

# Conversions

## Conversions Part 2

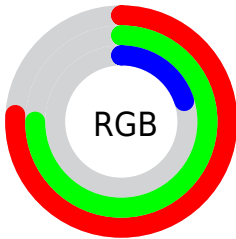
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 54, 194, 52                    |
| Decimal                             | 12763188                       |
| CIELab                              | 75.71, -15.32, 66.15           |
| CIELCh                              | 76, 67.899, 103.038            |
| Yxy                                 | 49.4165, 0.4101,<br>0.4858     |
| Android<br>(android.graphics.Color) | 4290953268<br>(0xFFC2C034)     |
| YUV                                 | 176.6380, -61.4465,<br>15.2265 |
| Hunter-Lab                          | 70.2969, -17.0890,<br>40.2773  |

# Details

The Decimal color **12763188** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **3421890**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16644205**, and **9014016** is the 20% darker color. If you saturate the color by 10%, you get **12763169**, and if you desaturate by 10%, it is **12763207**.

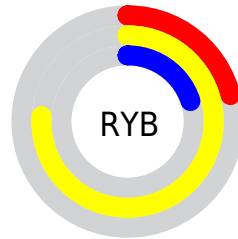
# Distribution



Red (76%)

Green (75%)

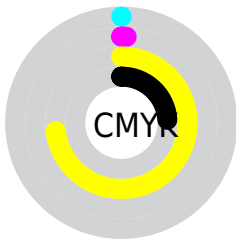
Blue (20%)



Red (21%)

Yellow (76%)

Blue (20%)

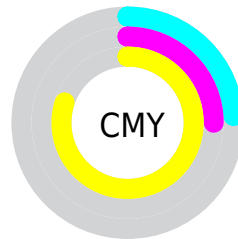


Cyan (0%)

Magenta (1%)

Yellow (73%)

Black (24%)



Cyan (24%)

Magenta (25%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12763188 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 12763188 by changing the saturation by 10% instead.



 12763188

 12763188

16777215

 10855695

 16644205

 9014016

 16777096

 7172608

 16777124

 5396736

 16777153

 3621376

 16777182

 1977344

 16777211

 6400

 0

 12763188

 12763188

12763169

12763207

12762893

12763483

12762880

12763502

12763522

12763541

12763816

12763836

12763855

12763875

# Harmonies

## Analogous

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



16362044



12763188



8179545

# Triad

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



12763188



55039



16746465

# Complementary

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



12763188



3421890

# 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.



14786303



12763188



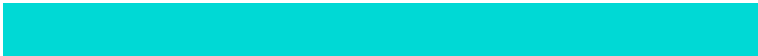
52223

# Square

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



12763188



55765



7780607



16744866

# Rectangle

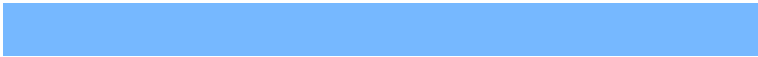
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12763188



2938239



7780607



16748021



# Sweetspot

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



12763188



16579781



12727350



8421214



0



8421504



# Same Dimension

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



12763188



16578846



8241716



6381911



10591744



2171136



# Inverse Universe

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



3421890



1974780



7943362



5724001



673



33



# Previews

## White Background



This preview shows how the Decimal color 12763188 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 12763188 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 ✓ Pass

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



## Decimal 12763188 Background



This preview shows how black text looks on a background with the Decimal color 12763188.



This preview shows how white text looks on a background with the Decimal color 12763188.

# 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**  
12763188

**Protanopia**  
13744947

**Deuteranopia**  
15380794



**Tritanopia**  
13546433

# Trichromacy



**Original Color**  
12763188

**Protanomaly**  
13417779

**Deuteranomaly**  
14399032

**Tritanomaly**  
13285518

# Monochromacy



**Original Color**  
12763188

**Achromatopsia**  
11645361

**Achromatomaly**  
12039812

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12763188 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 #C2C034 looks like.

```
.text, #text, p{  
    color:#C2C034  
}
```

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 #C2C034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C2C034
}
```

## Border

The CSS property to change the border of an element to Decimal 12763188 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
#C2C034 }
```

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

```
.border{ border-color:#C2C034 }
```

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

Here you see how a box with a 4 pixel #C2C034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C2C034; -webkit-box-shadow:4px 4px  
4px 4px #C2C034; box-shadow:4px 4px 4px  
4px #C2C034 }
```

# Background

The CSS property to change the background color of an element to Decimal 12763188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C2C034 }
```

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

```
.background{ background-color:#C2C034 }
```

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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