

# Converting Colors

Decimal(13353736)

Have a look what the booklet for  
Decimal(13353736) contains.

<b>Decimal(13353736)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(13353736)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBC308
RGB	203, 195, 8
RGB Percent	80%, 76%, 3%
CMY	0.2039, 0.2353, 0.9686
CMYK	0.00, 0.04, 0.96, 0.20
HSL	58°, 92%, 41%
HSV	58°, 96%, 80%
XYZ	44.1875, 51.7443, 7.8884
YIQ	176.0740, 64.7950, -56.4610

# Conversions

## Conversions Part 2

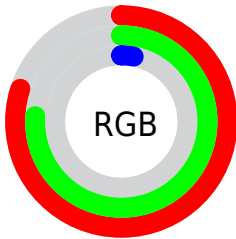
Format	Color
<a href="#">RYB</a>	<a href="#">16, 203, 8</a>
Decimal	<a href="#">13353736</a>
CIELab	<a href="#">77.13, -14.07, 77.19</a>
CIELCh	<a href="#">77, 78.462, 100.333</a>
Yxy	<a href="#">51.7443, 0.4256, 0.4984</a>
Android (android.graphics.Color)	<a href="#">4291543816</a> ( <a href="#">0xFFCBC308</a> )
YUV	<a href="#">176.0740, -82.8605, 23.6141</a>
Hunter-Lab	<a href="#">71.9335, -16.2340, 43.8515</a>

# Details

The Decimal color **13353736** is a dark color, and the websafe version is hex **C0C000**. The color can be described as middle washed yellow. A complement of this color would be **528587**, and the grayscale version is **11645361**.

A 20% lighter version of the original color is **16776021**, and **9473536** is the 20% darker color. If you saturate the color by 10%, you get **13353728**, and if you desaturate by 10%, it is **13354012**.

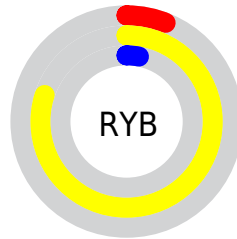
# Distribution



Red (80%)

Green (76%)

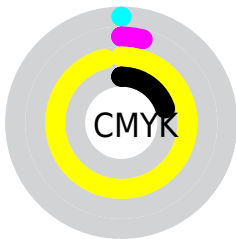
Blue (3%)



Red (6%)

Yellow (80%)

Blue (3%)

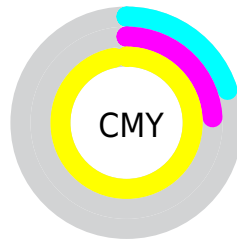


Cyan (0%)

Magenta (4%)

Yellow (96%)

Black (20%)



Cyan (20%)

Magenta (24%)



















Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13353736 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 13353736 by changing the saturation by 10% instead.



 13353736	 13353736
16777215	 11380736
 16776021	 9473536
 16777074	 7631872
 16777103	 5790720
 16777132	 4015360
 16777161	 2305792
 16777190	 203520
	 0
 13353736	 13353736

■ 13353728

■ 13354012

■ 13354289

■ 13354309

■ 13354585

■ 13354862

■ 13355138

■ 13355414

■ 13355690

■ 13355711

# Harmonies

## Analogous

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



16754984



13353736



8115269

# Triad

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



13353736



57087



16744689

# Complementary

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



13353736



528587

# 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.



14786815



13353736



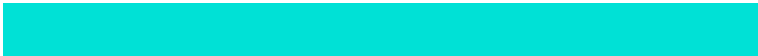
54271

# Square

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



13353736



57814



4571135



16742056

# Rectangle

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



13353736



56178



4571135



16747263



# Sweetspot

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



13353736



16776373



13305874



8420947



0



8421504



# Same Dimension

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



13353736



16774400



7588616



6710876



10919680



2499840



# Inverse Universe

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



528587



2815



6293707



6052966



1958



550



# Previews

## White Background



This preview shows how the Decimal color 13353736 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 13353736 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 13353736 Background



This preview shows how black text looks on a background with the Decimal color 13353736.



This preview shows how white text looks on a background with the Decimal color 13353736.

# 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**  
13353736

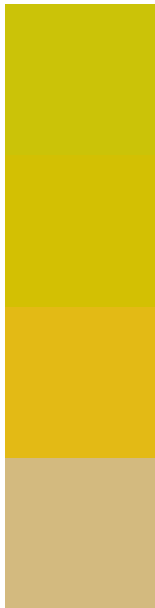
**Protanopia**  
14139136

**Deuteranopia**  
15775005



**Tritanopia**  
14136771

# Trichromacy



**Original Color**  
13353736

**Protanomaly**  
13877251

**Deuteranomaly**  
14924309

**Tritanomaly**  
13875839

# Monochromacy



**Original Color**  
13353736

**Achromatopsia**  
11579568

**Achromatomaly**  
12236659

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13353736 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 #CBC308 looks like.

```
.text, #text, p{  
  color:#CBC308  
}
```

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 #CBC308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBC308
}
```

## Border

The CSS property to change the border of an element to Decimal 13353736 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
#CBC308 }
```

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

```
.border{ border-color:#CBC308 }
```

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

Here you see how a box with a 4 pixel #CBC308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBC308; -webkit-box-shadow:4px 4px  
4px 4px #CBC308; box-shadow:4px 4px 4px  
4px #CBC308 }
```

# Background

The CSS property to change the background color of an element to Decimal 13353736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBC308 }
```

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

```
.background{ background-color:#CBC308 }
```

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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