

# Converting Colors

Decimal(13350472)

Have a look what the booklet for  
Decimal(13350472) contains.

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# **Color**

**Decimal(13350472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CBB648
RGB	203, 182, 72
RGB Percent	80%, 71%, 28%
CMY	0.2039, 0.2863, 0.7176
CMYK	0.00, 0.10, 0.65, 0.20
HSL	50°, 56%, 54%
HSV	50°, 65%, 80%
XYZ	42.5262, 46.6203, 12.8881
YIQ	175.7390, 47.8260, -29.7580

# Conversions

## Conversions Part 2

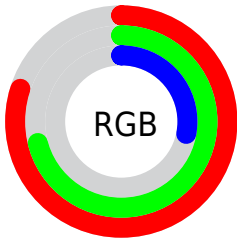
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 203, 72
Decimal	13350472
CIE Lab	73.95, -5.28, 56.88
CIE LCh	74, 57.125, 95.301
Yxy	46.6203, 0.4168, 0.4569
Android (android.graphics.Color)	4291540552 (0xFFCBB648)
YUV	175.7390, -51.1433, 23.9079
Hunter-Lab	68.2791, -8.3132, 36.6039

# Details

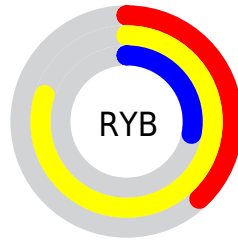
The Decimal color **13350472** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **4742603**, and the grayscale version is **11579568**.

A 20% lighter version of the original color is **16772733**, and **9601291** is the 20% darker color. If you saturate the color by 10%, you get **13349684**, and if you desaturate by 10%, it is **13351260**.

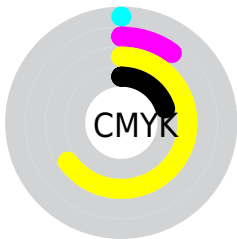
# Distribution



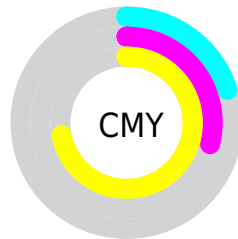
- Red (80%)
- Green (71%)
- Blue (28%)



- Red (38%)
- Yellow (80%)
- Blue (28%)



- Cyan (0%)
- Magenta (10%)
- Yellow (65%)
- Black (20%)




















- Cyan (20%)
- Magenta (29%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13350472 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 13350472 by changing the saturation by 10% instead.



 13350472	 13350472
16777215	 11442989
 16772733	 9601291
 16777112	 7760128
 16777140	 5984512
 16777169	 4209152
 16777197	 2565376
	 528640
	 0
 13350472	 13350472

13349684

13351260

13348639

13352305

13347851

13353093

13347328

13353881

13354670

13355714

13356502

13357290

13358079

# Harmonies

## Analogous

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



16229206



13350472



9749596

# Triad

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



13350472



52977



16683235

# Complementary

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



13350472



4742603

# 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.



12952831



13350472



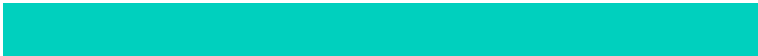
51199

# Square

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



13350472



53438



6732031



16746670

# Rectangle

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



13350472



6736504



6732031



15636210



# Sweetspot

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



13350472



16775119



13322334



8420194



0



8421504



# Same Dimension

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



13350472



16769083



10472264



6710364



10914560



2498560



# Inverse Universe

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



4742603



3889919



7620811



6053222



7078



1574



# Previews

## White Background



This preview shows how the Decimal color 13350472 looks on a white background.

## Color Contrast Check

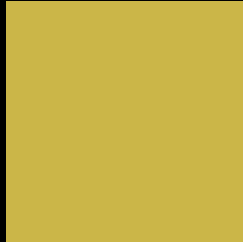
Large Text (above 18pt) WCAG AA × Fail

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 13350472 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 13350472 Background



This preview shows how black text looks on a background with the Decimal color 13350472.



This preview shows how white text looks on a background with the Decimal color 13350472.

# 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**  
13350472

**Protanopia**  
13350472

**Deuteranopia**  
14855499



**Tritanopia**  
13937592

# Trichromacy



**Original Color**  
13350472

**Protanomaly**  
13350472

**Deuteranomaly**  
14331978

**Tritanomaly**  
13741967

# Monochromacy



**Original Color**  
13350472

**Achromatopsia**  
11579568

**Achromatomaly**  
12235402

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13350472 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 #CBB648 looks like.

```
.text, #text, p{  
    color:#CBB648  
}
```

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 #CBB648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CBB648  
}
```

## Border

The CSS property to change the border of an element to Decimal 13350472 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  
#CBB648 }
```

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

```
.border{ border-color:#CBB648 }
```

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

Here you see how a box with a 4 pixel #CBB648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CBB648; -webkit-box-shadow:4px 4px  
4px 4px #CBB648; box-shadow:4px 4px 4px  
4px #CBB648 }
```

# Background

The CSS property to change the background color of an element to Decimal 13350472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CBB648 }
```

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

```
.background{ background-color:#CBB648 }
```

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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