

# Converting Colors

Decimal(15840014)

Have a look what the booklet for  
Decimal(15840014) contains.

<b>Decimal(15840014)</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(15840014)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1B30E
RGB	241, 179, 14
RGB Percent	95%, 70%, 5%
CMY	0.0549, 0.2980, 0.9451
CMYK	0.00, 0.26, 0.94, 0.05
HSL	44°, 89%, 50%
HSV	44°, 94%, 95%
XYZ	52.4750, 50.9727, 7.4884
YIQ	178.7280, 89.9170, -38.1710

# Conversions

## Conversions Part 2

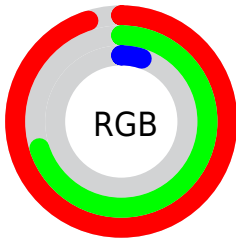
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	99, 241, 14
Decimal	15840014
CIE Lab	76.66, 10.77, 77.82
CIE LCh	77, 78.563, 82.118
Yxy	50.9727, 0.4730, 0.4595
Android (android.graphics.Color)	4294030094 (0xFFFF1B30E)
YUV	178.7280, -81.2109, 54.6125
Hunter-Lab	71.3952, 6.2549, 43.7578

# Details

The Decimal color **15840014** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle saturated orange. A complement of this color would be **937201**, and the grayscale version is **11776947**.

A 20% lighter version of the original color is **16771669**, and **11763456** is the 20% darker color. If you saturate the color by 10%, you get **15838976**, and if you desaturate by 10%, it is **15841830**.

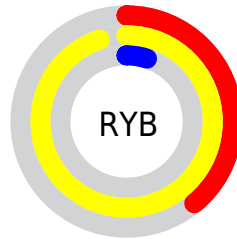
# Distribution



Red (95%)

Green (70%)

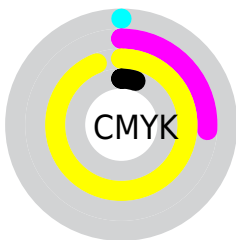
Blue (5%)



Red (39%)

Yellow (95%)

Blue (5%)

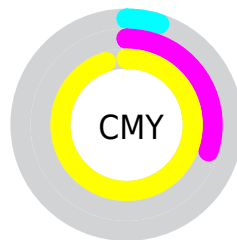


Cyan (0%)

Magenta (26%)

Yellow (94%)

Black (5%)



Cyan (5%)

Magenta (30%)




















Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15840014 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 15840014 by changing the saturation by 10% instead.



 15840014	 15840014
 16777215	 13801472
 16771669	 11763456
 16777074	 9790976
 16777103	 7884288
 16777131	 5978112
 16777160	 4203008
 16777189	 2559488
	 0
 15840014	 15840014

■ 15838976

■ 15841830

■ 15843390

■ 15845206

■ 15846766

■ 15848582

■ 15850143

■ 15851959

■ 15853775

■ 15855335

# Harmonies

## Analogous

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



16749898



15840014



11389213

# Triad

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



15840014



57330



16749055

# Complementary

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



15840014



937201

# 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.



9941759



15840014



56063

# Square

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



15840014



56999



52223



16742356

# Rectangle

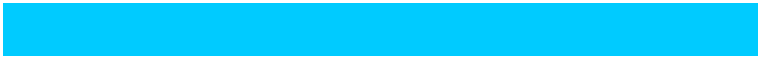
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15840014



7590984



52223



15113471



# Sweetspot

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



15840014



16772024



15797838



8418388



0



8421504



# Same Dimension

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



15840014



16759040



12644622



7894380



12092672



3680512



# Inverse Universe

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



937201



18175



4132593



7106424



12984



3896



# Previews

## White Background



This preview shows how the Decimal color 15840014 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 15840014 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 15840014 Background



This preview shows how black text looks on a background with the Decimal color 15840014.



This preview shows how white text looks on a background with the Decimal color 15840014.

# 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**  
15840014

**Protanopia**  
14073363

**Deuteranopia**  
15774733



**Tritanopia**  
16361139

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15840014 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 #F1B30E looks like.

```
.text, #text, p{  
  color:#F1B30E  
}
```

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 #F1B30E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F1B30E
}
```

## Border

The CSS property to change the border of an element to Decimal 15840014 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
#F1B30E }
```

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

```
.border{ border-color:#F1B30E }
```

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

Here you see how a box with a 4 pixel #F1B30E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F1B30E; -webkit-box-shadow:4px 4px  
4px 4px #F1B30E; box-shadow:4px 4px 4px  
4px #F1B30E }
```

# Background

The CSS property to change the background color of an element to Decimal 15840014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F1B30E }
```

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

```
.background{ background-color:#F1B30E }
```

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