

# Converting Colors

Decimal(16759329)

Have a look what the booklet for  
Decimal(16759329) contains.

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# **Color**

**Decimal(16759329)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFBA21
RGB	255, 186, 33
RGB Percent	100%, 73%, 13%
CMY	0.0000, 0.2706, 0.8706
CMYK	0.00, 0.27, 0.87, 0.00
HSL	41°, 100%, 56%
HSV	41°, 87%, 100%
XYZ	59.0734, 56.4876, 9.2285
YIQ	189.1890, 90.2370, -32.9550

# Conversions

## Conversions Part 2

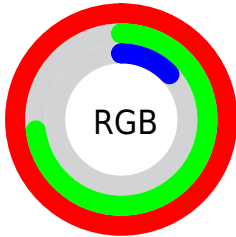
Format	Color
<a href="#">RYB</a>	<a href="#">133, 255, 33</a>
Decimal	<a href="#">16759329</a>
CIELab	<a href="#">79.89, 13.38, 77.48</a>
CIElCh	<a href="#">80, 78.622, 80.204</a>
Yxy	<a href="#">56.4876, 0.4734, 0.4527</a>
Android (android.graphics.Color)	<a href="#">4294949409 (0xFFFFBA21)</a>
YUV	<a href="#">189.1890, -77.0012, 57.7162</a>
Hunter-Lab	<a href="#">75.1582, 8.7718, 45.3307</a>

# Details

The Decimal color **16759329** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed orange. A complement of this color would be **2189055**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16773728**, and **12682496** is the 20% darker color. If you saturate the color by 10%, you get **16757256**, and if you desaturate by 10%, it is **16761402**.

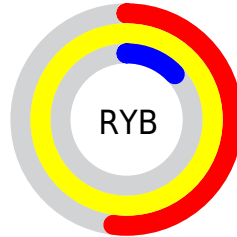
# Distribution



Red (100%)

Green (73%)

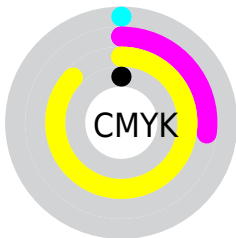
Blue (13%)



Red (52%)

Yellow (100%)

Blue (13%)

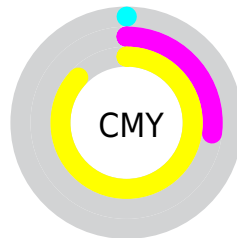


Cyan (0%)

Magenta (27%)

Yellow (87%)

Black (0%)



Cyan (0%)

Magenta (27%)



















Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16759329 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 16759329 by changing the saturation by 10% instead.



 16759329	 16759329
 16777215	 14720768
 16773728	 12682496
 16777084	 10644480
 16777113	 8737792
 16777142	 6765824
 16777171	 4990720
 16777200	 3216128
	 1703937
	 0

■ 16759329

■ 16759329

■ 16757256

■ 16761402

■ 16756736

■ 16763476

■ 16765549

■ 16767623

■ 16769697

■ 16771770

■ 16773587

■ 16775661

16777215

# Harmonies

## Analogous

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



16751702



16759329



12308774

# Triad

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



16759329



59895



16751871

# Complementary

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



16759329



2189055

# 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.



9944575



16759329



58623

# Square

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



16759329



59307



55039



16744929

# Rectangle

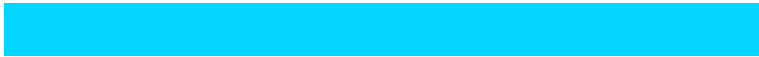
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16759329



8641612



55039



15312895



# Sweetspot

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



16759329



16771773



16720231



8418136



0



8421504



# Same Dimension

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



16759329



16756736



14090017



8420467



12551168



4205568



# Inverse Universe

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



2189055



20479



4858367



7567232



15295



5184



# Previews

## White Background



This preview shows how the Decimal color 16759329 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 16759329 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 16759329 Background



This preview shows how black text looks on a background with the Decimal color 16759329.



This preview shows how white text looks on a background with the Decimal color 16759329.

# 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**  
16759329

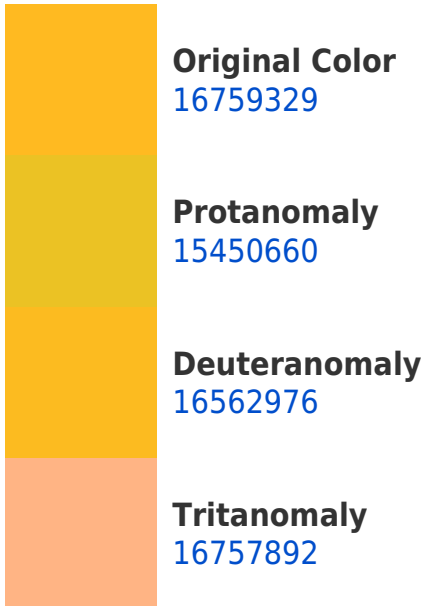
**Protanopia**  
14665509

**Deuteranopia**  
16432159



**Tritanopia**  
16757180

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16759329 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 #FFBA21 looks like.

```
.text, #text, p{  
  color:#FFBA21  
}
```

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 #FFBA21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFBA21
}
```

## Border

The CSS property to change the border of an element to Decimal 16759329 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
#FFBA21 }
```

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

```
.border{ border-color:#FFBA21 }
```

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

Here you see how a box with a 4 pixel #FFBA21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFBA21; -webkit-box-shadow:4px 4px  
4px 4px #FFBA21; box-shadow:4px 4px 4px  
4px #FFBA21 }
```

# Background

The CSS property to change the background color of an element to Decimal 16759329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFBA21 }
```

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

```
.background{ background-color:#FFBA21 }
```

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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