

# Converting Colors

Decimal(16229656)

Have a look what the booklet for  
Decimal(16229656) contains.

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# **Color**

**Decimal(16229656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7A518
RGB	247, 165, 24
RGB Percent	97%, 65%, 9%
CMY	0.0314, 0.3529, 0.9059
CMYK	0.00, 0.33, 0.90, 0.03
HSL	38°, 93%, 53%
HSV	38°, 90%, 97%
XYZ	51.9778, 46.7504, 7.1484
YIQ	173.4440, 94.1330, -26.4670

# Conversions

## Conversions Part 2

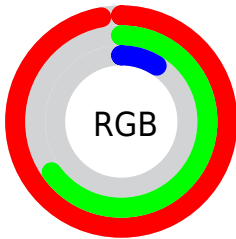
Format	Color
<a href="#">RYB</a>	<a href="#">154, 247, 24</a>
Decimal	<a href="#">16229656</a>
CIELab	<a href="#">74.03, 20.82, 74.54</a>
CIELCh	<a href="#">74, 77.395, 74.394</a>
Yxy	<a href="#">46.7504, 0.4909, 0.4416</a>
Android (android.graphics.Color)	<a href="#">4294419736</a> ( <a href="#">0xFFFF7A518</a> )
YUV	<a href="#">173.4440, -73.6759, 64.5086</a>
Hunter-Lab	<a href="#">68.3742, 16.0399, 41.6634</a>

# Details

The Decimal color **16229656** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **1600247**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **16768088**, and **12153088** is the 20% darker color. If you saturate the color by 10%, you get **16227328**, and if you desaturate by 10%, it is **16231985**.

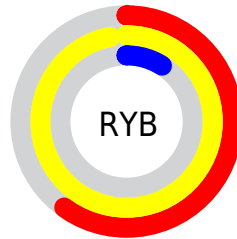
# Distribution



Red (97%)

Green (65%)

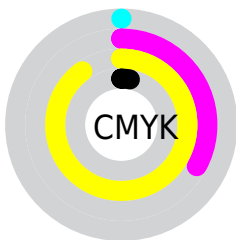
Blue (9%)



Red (60%)

Yellow (97%)

Blue (9%)

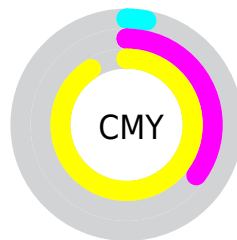


Cyan (0%)

Magenta (33%)

Yellow (90%)

Black (3%)



Cyan (3%)

Magenta (35%)


















Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16229656 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 16229656 by changing the saturation by 10% instead.



 16229656	 16229656
16777215	 14191360
 16768088	 12153088
 16775284	 10115328
 16777104	 8143104
 16777132	 6236928
 16777161	 4396288
 16777190	 2752512
	 0
 16229656	 16229656

16227328

16231985

16234313

16236642

16238971

16241300

16243628

16246213

16248542

16250870

# Harmonies

## Analogous

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



16746325



16229656



12172545

# Triad

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



16229656



55255



14980095

# Complementary

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



16229656



1600247

# 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.



6403071



16229656



54527

# Square

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



16229656



54669



51455



16741854

# Rectangle

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



16229656



8767538



51455



12885759



# Sweetspot

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



16229656



16770746



16193645



8417367



0



8421504



# Same Dimension

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



16229656



16752896



14546712



8025710



12219904



3876096



# Inverse Universe

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



1600247



24319



3283191



7238522



17594



5691



# Previews

## White Background



This preview shows how the Decimal color 16229656 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 16229656 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 16229656 Background



This preview shows how black text looks on a background with the Decimal color 16229656.



This preview shows how white text looks on a background with the Decimal color 16229656.

# 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**  
16229656

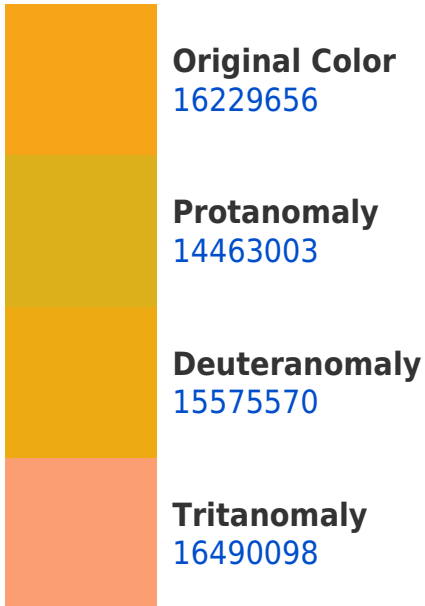
**Protanopia**  
13481757

**Deuteranopia**  
15183119



**Tritanopia**  
16685733

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16229656 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 #F7A518 looks like.

```
.text, #text, p{  
  color:#F7A518  
}
```

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 #F7A518 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7A518
}
```

## Border

The CSS property to change the border of an element to Decimal 16229656 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
#F7A518 }
```

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

```
.border{ border-color:#F7A518 }
```

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

Here you see how a box with a 4 pixel #F7A518 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7A518; -webkit-box-shadow:4px 4px  
4px 4px #F7A518; box-shadow:4px 4px 4px  
4px #F7A518 }
```

# Background

The CSS property to change the background color of an element to Decimal 16229656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7A518 }
```

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

```
.background{ background-color:#F7A518 }
```

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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