

# Converting Colors

Decimal(16377452)

Have a look what the booklet for  
Decimal(16377452) contains.

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# **Color**

**Decimal(16377452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9E66C
RGB	249, 230, 108
RGB Percent	98%, 90%, 42%
CMY	0.0235, 0.0980, 0.5765
CMYK	0.00, 0.08, 0.57, 0.02
HSL	52°, 92%, 70%
HSV	52°, 57%, 98%
XYZ	70.0705, 77.8161, 25.5143
YIQ	221.7730, 50.4860, -33.9140

# Conversions

## Conversions Part 2

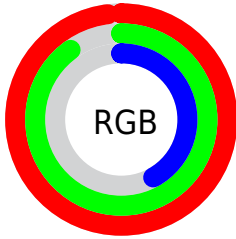
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	130, 249, 108
Decimal	16377452
CIE <sub>Lab</sub>	90.70, -8.21, 60.66
CIE <sub>LCh</sub>	91, 61.210, 97.709
Yxy	77.8161, 0.4041, 0.4488
Android (android.graphics.Color)	4294567532 (0xFFFF9E66C)
YUV	221.7730, -56.0901, 23.8781
Hunter-Lab	88.2134, -12.5857, 44.6008

# Details

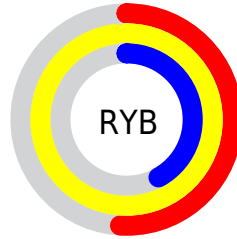
The Decimal color **16377452** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **7110649**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777123**, and **12496694** is the 20% darker color. If you saturate the color by 10%, you get **16376659**, and if you desaturate by 10%, it is **16378245**.

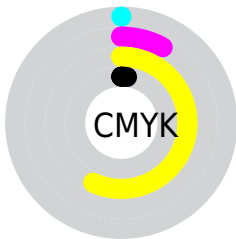
# Distribution



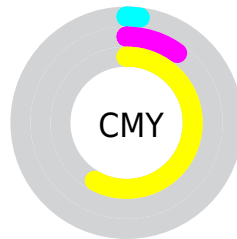
- Red (98%)
- Green (90%)
- Blue (42%)



- Red (51%)
- Yellow (98%)
- Blue (42%)



- Cyan (0%)
- Magenta (8%)
- Yellow (57%)
- Black (2%)


















- Cyan (2%)
- Magenta (10%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16377452 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 16377452 by changing the saturation by 10% instead.



 16377452	 16377452
16777215	 14404177
 16777123	 12496694
 16777151	 10589206
 16777180	 8747776
 16777209	 6906368
	 5130752
	 3421184
	 1842944
	 1280

16377452

16377452

16376659

16378245

16375610

16379294

16374817

16380087

16374024

16380880

16373504

16381929

16382719

16383487

16383999

# Harmonies

## Analogous

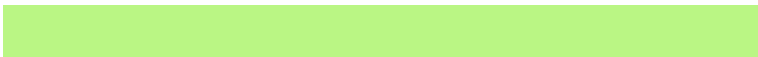
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16765303



16377452



12252804

# Triad

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



16377452



65535



16759807

# Complementary

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



16377452



7110649

# 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.



16633855



16377452



63231

# Square

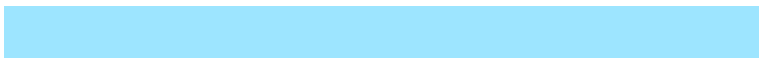
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16377452



65522



10348031



16757719

# Rectangle

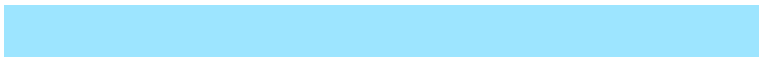
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16377452



8977827



10348031



16761343



# Sweetspot

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



16377452



16775636



16346241



8420454



0



8421504



# Same Dimension

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



16377452



16771154



13171052



8223600



12428032



4011264



# Inverse Universe

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



7110649



5401087



10317049



7369341



6589

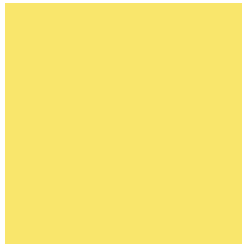


2109



# Previews

## White Background



This preview shows how the Decimal color 16377452 looks on a white background.

## Color Contrast Check

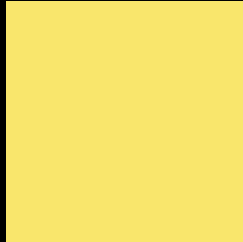
Large Text (above 18pt) WCAG AA × Fail

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 16377452 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 16377452 Background



This preview shows how black text looks on a background with the Decimal color 16377452.



This preview shows how white text looks on a background with the Decimal color 16377452.

# 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**  
16377452

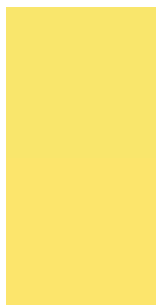
**Protanopia**  
16639340

**Deuteranopia**  
16768953



**Tritanopia**  
16767976

# Trichromacy



**Original Color**

16377452

**Protanomaly**

16573804



**Deuteranomaly**

16638621



**Tritanomaly**

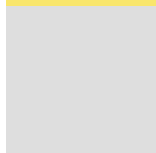
16637883

# Monochromacy



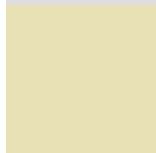
**Original Color**

16377452



**Achromatopsia**

14606046



**Achromatomaly**

15262133

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16377452 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 #F9E66C looks like.

```
.text, #text, p{  
    color:#F9E66C  
}
```

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 #F9E66C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F9E66C
}
```

## Border

The CSS property to change the border of an element to Decimal 16377452 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
#F9E66C }
```

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

```
.border{ border-color:#F9E66C }
```

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

Here you see how a box with a 4 pixel #F9E66C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F9E66C; -webkit-box-shadow:4px 4px  
4px 4px #F9E66C; box-shadow:4px 4px 4px  
4px #F9E66C }
```

# Background

The CSS property to change the background color of an element to Decimal 16377452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F9E66C }
```

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

```
.background{ background-color:#F9E66C }
```

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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