

Converting Colors

Decimal(16240177)

Have a look what the booklet for
Decimal(16240177) contains.

Decimal(16240177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(16240177)

Conversions

Conversions Part 1

Format	Color
Hex	F7CE31
RGB	247, 206, 49
RGB Percent	97%, 81%, 19%
CMY	0.0314, 0.1922, 0.8078
CMYK	0.00, 0.17, 0.80, 0.03
HSL	48°, 93%, 58%
HSV	48°, 80%, 97%
XYZ	60.9835, 64.1385, 12.0715
YIQ	200.3610, 74.8330, -40.1350

Conversions

Conversions Part 2

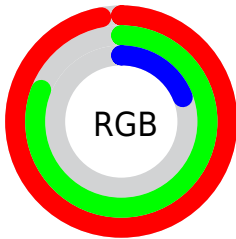
Format	Color
R _Y B	101, 247, 49
Decimal	16240177
CIE Lab	84.04, 0.05, 76.40
CIE LCh	84, 76.400, 89.962
Yxy	64.1385, 0.4445, 0.4675
Android (android.graphics.Color)	4294430257 (0xFF7CE31)
YUV	200.3610, -74.6210, 40.9024
Hunter-Lab	80.0865, -4.2291, 47.1237

Details

The Decimal color **16240177** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **3234551**, and the grayscale version is **13224393**.

A 20% lighter version of the original color is **16777069**, and **12228608** is the 20% darker color. If you saturate the color by 10%, you get **16238872**, and if you desaturate by 10%, it is **16241482**.

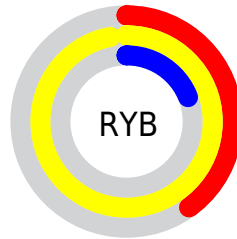
Distribution



Red (97%)

Green (81%)

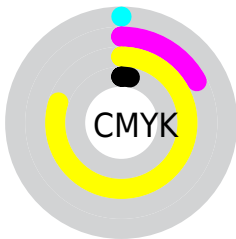
Blue (19%)



Red (40%)

Yellow (97%)

Blue (19%)

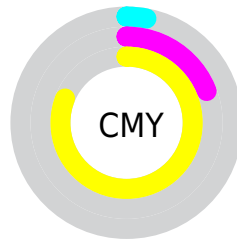


Cyan (0%)

Magenta (17%)

Yellow (80%)

Black (3%)



Cyan (3%)

















Magenta (19%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16240177 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 16240177 by changing the saturation by 10% instead.

 16240177	 16240177
16777215	 14201600
 16777069	 12228608
 16777097	 10256128
 16777126	 8414720
 16777155	 6508032
 16777184	 4667392
16777214	 3023616
	 1314304
	 0

■ 16240177

■ 16240177

■ 16238872

■ 16241482

■ 16237568

■ 16242786

■ 16244091

■ 16245396

■ 16246957

■ 16248261

■ 16249566

■ 16250871

■ 16252159

Harmonies

Analogous

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



16757331



16240177



11526730

Triad

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



16240177



62463



16752895

Complementary

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



16240177



3234551

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.



13746175



16240177



60415

Square

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



16240177



62671



56063



16748245

Rectangle

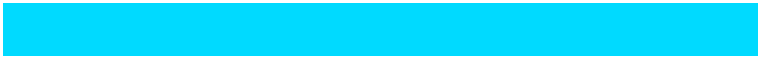
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16240177



7400304



56063



16755455

Sweetspot

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



16240177



16773826



16200028



8419419



0



8421504

Same Dimension

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



16240177



16763914



12580657



8026222



12227584



3878656

Inverse Universe

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



3234551



671231



6894071



7238010



10170



3131

Previews

White Background



This preview shows how the Decimal color 16240177 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 16240177 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 16240177 Background



This preview shows how black text looks on a background with the Decimal color 16240177.



This preview shows how white text looks on a background with the Decimal color 16240177.

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
16240177

Protanopia
15520306

Deuteranopia
16763241



Tritanopia
16761295

Trichromacy



Original Color
16240177

Protanomaly
15782194

Deuteranomaly
16567125

Tritanomaly
16565910

Monochromacy



Original Color
16240177

Achromatopsia
13158600

Achromatomaly
14273169

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16240177 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 #F7CE31 looks like.

```
.text, #text, p{  
  color:#F7CE31  
}
```

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 #F7CE31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F7CE31
}
```

Border

The CSS property to change the border of an element to Decimal 16240177 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
#F7CE31 }
```

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

```
.border{ border-color:#F7CE31 }
```

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

Here you see how a box with a 4 pixel #F7CE31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F7CE31; -webkit-box-shadow:4px 4px  
4px 4px #F7CE31; box-shadow:4px 4px 4px  
4px #F7CE31 }
```

Background

The CSS property to change the background color of an element to Decimal 16240177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F7CE31 }
```

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

```
.background{ background-color:#F7CE31 }
```

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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