

Converting Colors

Decimal(16560640)

Have a look what the booklet for
Decimal(16560640) contains.

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Color

Decimal(16560640)

Conversions

Conversions Part 1

Format	Color
Hex	FCB200
RGB	252, 178, 0
RGB Percent	99%, 70%, 0%
CMY	0.0118, 0.3020, 1.0000
CMYK	0.00, 0.29, 1.00, 0.01
HSL	42°, 100%, 49%
HSV	42°, 100%, 99%
XYZ	56.0653, 52.5362, 7.1855
YIQ	179.8340, 101.2420, -39.6700

Conversions

Conversions Part 2

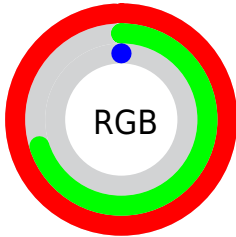
Format	Color
RYB	105, 252, 0
Decimal	16560640
CIELab	77.60, 15.88, 80.56
CIELCh	78, 82.108, 78.849
Yxy	52.5362, 0.4842, 0.4537
Android (android.graphics.Color)	4294750720 (0xFFFCB200)
YUV	179.8340, -88.6582, 63.2896
Hunter-Lab	72.4819, 11.2278, 44.8596

Details

The Decimal color **16560640** 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 **19196**, and the grayscale version is **11908533**.

A 20% lighter version of the original color is **16771410**, and **12418560** is the 20% darker color. If you saturate the color by 10%, you get **16560640**, and if you desaturate by 10%, it is **16562457**.

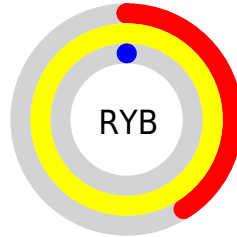
Distribution



Red (99%)

Green (70%)

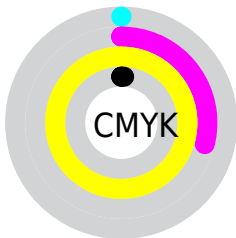
Blue (0%)



Red (41%)

Yellow (99%)

Blue (0%)

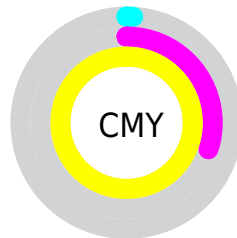


Cyan (0%)

Magenta (29%)

Yellow (100%)

Black (1%)



Cyan (1%)



















Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16560640 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 16560640 by changing the saturation by 10% instead.

 16560640	 16560640
 16777215	 14456576
 16771410	 12418560
 16777071	 10446080
 16777099	 8473856
 16777128	 6567424
 16777157	 4727040
 16777186	 3017728
	 917504
	 0

 16560640

 16562457

 16564530

 16566348

 16568421

 16570238

 16572055

 16574128

 16575946

 16578019

Harmonies

Analogous

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



16749134



16560640



12045056

Triad

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



16560640



58351



16750079

Complementary

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



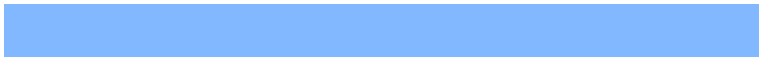
16560640



19196

Split Complementary

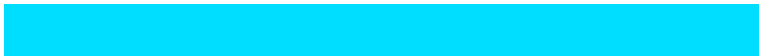
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



8567039



16560640



57087

Square

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



16560640



57760



53759



16742112

Rectangle

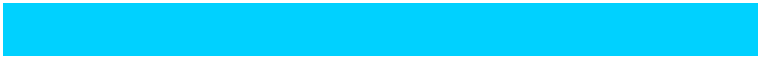
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16560640



8246843



53759



14655999

Sweetspot

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



16560640



16771507



16515148



8417874



0



8421504

Same Dimension

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



16560640



16757760



13302784



8223088



12420352



4008704

Inverse Universe

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



19196



19455



3277052



7369853



14269



4669

Previews

White Background



This preview shows how the Decimal color 16560640 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 16560640 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 16560640 Background



This preview shows how black text looks on a background with the Decimal color 16560640.



This preview shows how white text looks on a background with the Decimal color 16560640.

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

16560640

Protanopia

14270735

Deuteranopia

15971840



Tritanopia
16754867

Trichromacy



Original Color
16560640

Protanomaly
15121418

Deuteranomaly
16168192

Tritanomaly
16690290

Monochromacy



Original Color
16560640

Achromatopsia
11842740

Achromatomaly
13546355

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16560640 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 #FCB200 looks like.

```
.text, #text, p{  
    color:#FCB200  
}
```

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 #FCB200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCB200
}
```

Border

The CSS property to change the border of an element to Decimal 16560640 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
#FCB200 }
```

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

```
.border{ border-color:#FCB200 }
```

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

Here you see how a box with a 4 pixel #FCB200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCB200; -webkit-box-shadow:4px 4px  
4px 4px #FCB200; box-shadow:4px 4px 4px  
4px #FCB200 }
```

Background

The CSS property to change the background color of an element to Decimal 16560640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCB200 }
```

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

```
.background{ background-color:#FCB200 }
```

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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