

Converting Colors

Decimal(16564736)

Have a look what the booklet for
Decimal(16564736) contains.

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Color

Decimal(16564736)

Conversions

Conversions Part 1

Format	Color
Hex	FCC200
RGB	252, 194, 0
RGB Percent	99%, 76%, 0%
CMY	0.0118, 0.2392, 1.0000
CMYK	0.00, 0.23, 1.00, 0.01
HSL	46°, 100%, 49%
HSV	46°, 100%, 99%
XYZ	59.4367, 59.2790, 8.3093
YIQ	189.2260, 96.8420, -48.0380

Conversions

Conversions Part 2

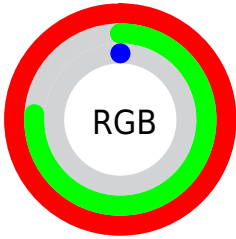
Format	Color
R_{YB}	75, 252, 0
Decimal	16564736
CIE Lab	81.44, 7.55, 83.17
CIE LCh	81, 83.517, 84.813
Yxy	59.2790, 0.4679, 0.4667
Android (android.graphics.Color)	4294754816 (0xFFFC200)
YUV	189.2260, -93.2884, 55.0528
Hunter-Lab	76.9929, 3.0602, 47.4962

Details

The Decimal color **16564736** is a light color, and the websafe version is hex **FFCC00**, and the color name is **golden poppy**. The color can be described as light saturated yellow. A complement of this color would be **15100**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16775765**, and **12487936** is the 20% darker color. If you saturate the color by 10%, you get **16564736**, and if you desaturate by 10%, it is **16566297**.

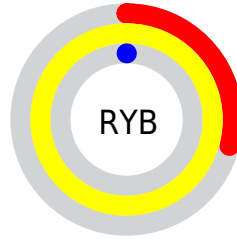
Distribution



Red (99%)

Green (76%)

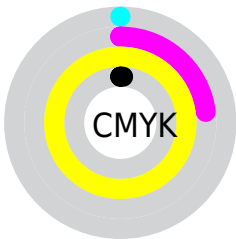
Blue (0%)



Red (29%)

Yellow (99%)

Blue (0%)

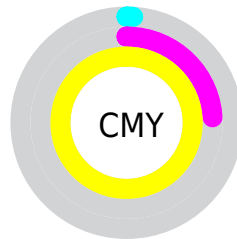


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (1%)



Cyan (1%)



















Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16564736 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 16564736 by changing the saturation by 10% instead.

 16564736	 16564736
 16777215	 14526208
 16775765	 12487936
 16777074	 10515456
 16777103	 8542976
 16777132	 6636544
 16777161	 4795904
 16777191	 3086848
	 1507328
	 0

 16564736

 16566297

 16567858

 16569164

 16570725

 16572286

 16573847

 16575408

 16576714

 16578275

Harmonies

Analogous

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



16753224



16564736



11655458

Triad

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



16564736



61183



16750591

Complementary

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



16564736



15100

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.



11516927



16564736



59647

Square

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



16564736



61114



55551



16743899

Rectangle

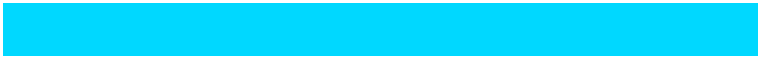
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16564736



7398482



55551



16753919

Sweetspot

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



16564736



16772531



16515131



8418642



0



8421504

Same Dimension

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



16564736



16761856



12188672



8223344



12423424



4009728

Inverse Universe

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



15100



15359



4391164



7369597



11197



3645

Previews

White Background



This preview shows how the Decimal color 16564736 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 16564736 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 16564736 Background



This preview shows how black text looks on a background with the Decimal color 16564736.



This preview shows how white text looks on a background with the Decimal color 16564736.

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
16564736

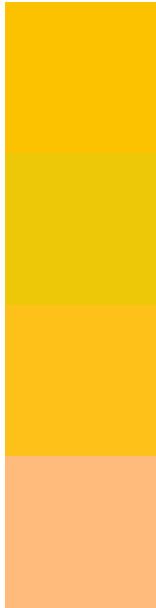
Protanopia
15059725

Deuteranopia
16760872



Tritanopia
16758723

Trichromacy



Original Color
16564736

Protanomaly
15583240

Deuteranomaly
16695577

Tritanomaly
16694140

Monochromacy



Original Color
16564736

Achromatopsia
12434877

Achromatomaly
13942648

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16564736 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 #FCC200 looks like.

```
.text, #text, p{  
  color:#FCC200  
}
```

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 #FCC200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FCC200
}
```

Border

The CSS property to change the border of an element to Decimal 16564736 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
#FCC200 }
```

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

```
.border{ border-color:#FCC200 }
```

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

Here you see how a box with a 4 pixel #FCC200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FCC200; -webkit-box-shadow:4px 4px  
4px 4px #FCC200; box-shadow:4px 4px 4px  
4px #FCC200 }
```

Background

The CSS property to change the background color of an element to Decimal 16564736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FCC200 }
```

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

```
.background{ background-color:#FCC200 }
```

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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