

Converting Colors

Decimal(16766465)

Have a look what the booklet for
Decimal(16766465) contains.

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Color

Decimal(16766465)

Conversions

Conversions Part 1

Format	Color
Hex	FFD601
RGB	255, 214, 1
RGB Percent	100%, 84%, 0%
CMY	0.0000, 0.1608, 0.9961
CMYK	0.00, 0.16, 1.00, 0.00
HSL	50°, 100%, 50%
HSV	50°, 100%, 100%
XYZ	65.2920, 69.3553, 9.9744
YIQ	201.9770, 92.8090, -57.5510

Conversions

Conversions Part 2

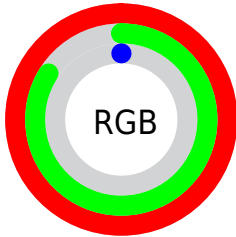
Format	Color
R_{YB}	50, 255, 1
Decimal	16766465
CIE _{Lab}	86.68, -1.41, 86.88
CIE _{LCh}	87, 86.887, 90.930
Yxy	69.3553, 0.4515, 0.4796
Android (android.graphics.Color)	4294956545 (0xFFFFD601)
YUV	201.9770, -99.0817, 46.5012
Hunter-Lab	83.2798, -5.7943, 51.1948

Details

The Decimal color **16766465** is a light color, and the websafe version is hex **FFCC00**. The color can be described as light saturated yellow. A complement of this color would be **76543**, and the grayscale version is **13355979**.

A 20% lighter version of the original color is **16777049**, and **12689408** is the 20% darker color. If you saturate the color by 10%, you get **16766464**, and if you desaturate by 10%, it is **16767514**.

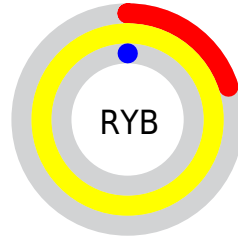
Distribution



Red (100%)

Green (84%)

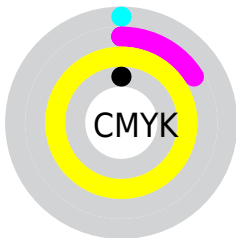
Blue (0%)



Red (20%)

Yellow (100%)

Blue (0%)

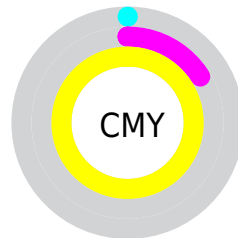


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (0%)



Cyan (0%)


















Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16766465 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 16766465 by changing the saturation by 10% instead.

 16766465	 16766465
16777215	 14727936
 16777049	 12689408
 16777079	 10716672
 16777108	 8744192
 16777138	 6837504
 16777167	 5062144
 16777197	 3287296
	 1709312
	 0

■ 16766465

■ 16766465

■ 16766464

■ 16767514

■ 16768564

■ 16769614

■ 16770663

■ 16771969

■ 16773018

■ 16774067

■ 16775117

■ 16776167

Harmonies

Analogous

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



16758339



16766465



11332920

Triad

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



16766465



65279



16751871

Complementary

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



16766465



76543

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.



14336767



16766465



63231

Square

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



16766465



65497



58111



16746202

Rectangle

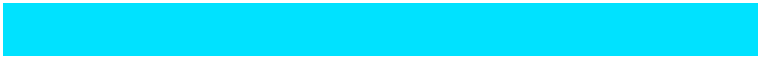
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16766465



6157930



58111



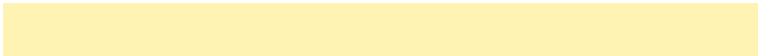
16754943

Sweetspot

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



16766465



16774067



16711979



8419410



0



8421504

Same Dimension

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



16766465



16766464



11206401



8420723



12558336



4207872

Inverse Universe

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



76543



10751



5636607



7566720



8127



2624

Previews

White Background



This preview shows how the Decimal color 16766465 looks on a white background.

Color Contrast Check

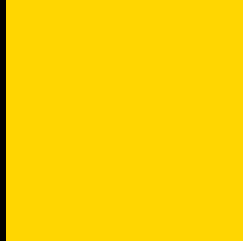
Large Text (above 18pt) WCAG AA × Fail

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 16766465 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 16766465 Background



This preview shows how black text looks on a background with the Decimal color 16766465.



This preview shows how white text looks on a background with the Decimal color 16766465.

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
16766465

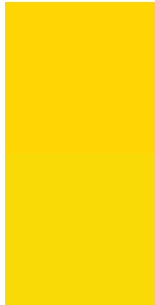
Protanopia
16112137

Deuteranopia
16765579



Tritanopia
16764119

Trichromacy



Original Color
16766465

Protanomaly
16374022



Deuteranomaly
16765785



Tritanomaly
16765065

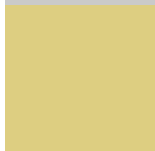
Monochromacy



Original Color
16766465



Achromatopsia
13290186



Achromatomaly
14536321

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16766465 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 #FFD601 looks like.

```
.text, #text, p{  
  color:#FFD601  
}
```

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 #FFD601 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FFD601
}
```

Border

The CSS property to change the border of an element to Decimal 16766465 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
#FFD601 }
```

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

```
.border{ border-color:#FFD601 }
```

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

Here you see how a box with a 4 pixel #FFD601 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FFD601; -webkit-box-shadow:4px 4px  
4px 4px #FFD601; box-shadow:4px 4px 4px  
4px #FFD601 }
```

Background

The CSS property to change the background color of an element to Decimal 16766465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FFD601 }
```

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

```
.background{ background-color:#FFD601 }
```

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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