

Converting Colors

Decimal(15976704)

Have a look what the booklet for
Decimal(15976704) contains.

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Color

Decimal(15976704)

Conversions

Conversions Part 1

Format	Color
Hex	F3C900
RGB	243, 201, 0
RGB Percent	95%, 79%, 0%
CMY	0.0471, 0.2118, 1.0000
CMYK	0.00, 0.17, 1.00, 0.05
HSL	50°, 100%, 48%
HSV	50°, 100%, 95%
XYZ	57.8488, 60.8280, 8.6920
YIQ	190.6440, 89.5530, -53.6070

Conversions

Conversions Part 2

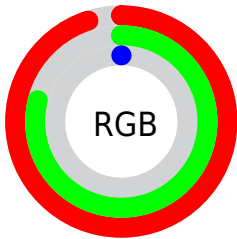
Format	Color
R _Y B	51, 243, 0
Decimal	15976704
CIE Lab	82.29, 0.08, 83.34
CIE LCh	82, 83.343, 89.944
Yxy	60.8280, 0.4542, 0.4776
Android (android.graphics.Color)	4294166784 (0xFFFF3C900)
YUV	190.6440, -93.9875, 45.9162
Hunter-Lab	77.9923, -4.0887, 47.9869

Details

The Decimal color **15976704** 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 **10995**, and the grayscale version is **12566463**.

A 20% lighter version of the original color is **16777046**, and **11965440** is the 20% darker color. If you saturate the color by 10%, you get **15976704**, and if you desaturate by 10%, it is **15977752**.

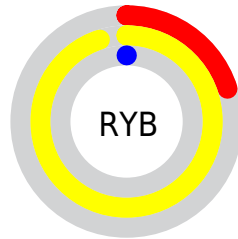
Distribution



Red (95%)

Green (79%)

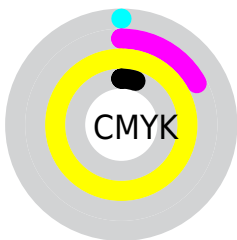
Blue (0%)



Red (20%)

Yellow (95%)

Blue (0%)

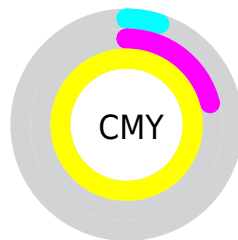


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (5%)



Cyan (5%)


















Magenta (21%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15976704 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 15976704 by changing the saturation by 10% instead.

 15976704	 15976704
16777215	 13938176
 16777046	 11965440
 16777075	 9992704
 16777104	 8020480
 16777134	 6179328
 16777163	 4404224
 16777193	 2694912
	 854016
	 0

 15976704

 15977752

 15978801

 15980105

 15981153

 15982201

 15983250

 15984298

 15985602

 15986651

Harmonies

Analogous

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



16755264



15976704



10870578

Triad

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



15976704



61695



16749823

Complementary

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



15976704



10995

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.



13285631



15976704



59647

Square

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



15976704



61898



55039



16744144

Rectangle

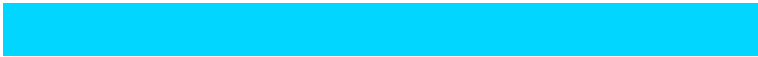
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15976704



6088801



55039



16752895

Sweetspot

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



15976704



16773811



15925293



8419410



0



8421504

Same Dimension

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



15976704



16765696



10941184



8026222



12229120



3879168

Inverse Universe

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



10995



11519



5046515



7237754



8378



2619

Previews

White Background



This preview shows how the Decimal color 15976704 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 15976704 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 15976704 Background



This preview shows how black text looks on a background with the Decimal color 15976704.

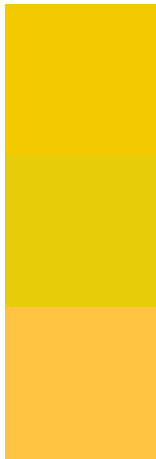


This preview shows how white text looks on a background with the Decimal color 15976704.

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
15976704

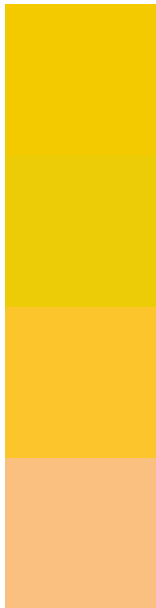
Protanopia
15191305

Deuteranopia
16761668



Tritanopia
16694217

Trichromacy



Original Color
15976704

Protanomaly
15453190

Deuteranomaly
16500011

Tritanomaly
16433280

Monochromacy



Original Color
15976704

Achromatopsia
12566463

Achromatomaly
13812602

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15976704 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 #F3C900 looks like.

```
.text, #text, p{  
    color:#F3C900  
}
```

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 #F3C900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3C900
}
```

Border

The CSS property to change the border of an element to Decimal 15976704 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
#F3C900 }
```

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

```
.border{ border-color:#F3C900 }
```

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

Here you see how a box with a 4 pixel #F3C900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3C900; -webkit-box-shadow:4px 4px  
4px 4px #F3C900; box-shadow:4px 4px 4px  
4px #F3C900 }
```

Background

The CSS property to change the background color of an element to Decimal 15976704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3C900 }
```

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

```
.background{ background-color:#F3C900 }
```

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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