

Converting Colors

Decimal(16171520)

Have a look what the booklet for
Decimal(16171520) contains.

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Color

Decimal(16171520)

Conversions

Conversions Part 1

Format	Color
Hex	F6C200
RGB	246, 194, 0
RGB Percent	96%, 76%, 0%
CMY	0.0353, 0.2392, 1.0000
CMYK	0.00, 0.21, 1.00, 0.04
HSL	47°, 100%, 48%
HSV	47°, 100%, 96%
XYZ	57.2978, 58.1764, 8.2092
YIQ	187.4320, 93.2660, -49.3100

Conversions

Conversions Part 2

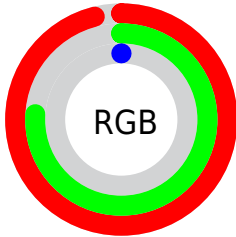
Format	Color
RYB	66, 246, 0
Decimal	16171520
CIELab	80.84, 4.98, 82.47
CIELCh	81, 82.619, 86.544
Yxy	58.1764, 0.4633, 0.4704
Android (android.graphics.Color)	4294361600 (0xFFFF6C200)
YUV	187.4320, -92.4040, 51.3641
Hunter-Lab	76.2735, 0.6135, 47.0101

Details

The Decimal color **16171520** 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 **13558**, and the grayscale version is **12369084**.

A 20% lighter version of the original color is **16775764**, and **12094720** is the 20% darker color. If you saturate the color by 10%, you get **16171520**, and if you desaturate by 10%, it is **16172825**.

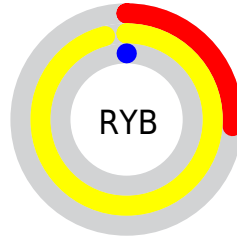
Distribution



Red (96%)

Green (76%)

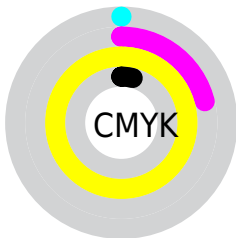
Blue (0%)



Red (26%)

Yellow (96%)

Blue (0%)

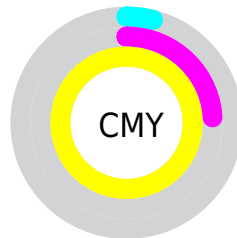


Cyan (0%)

Magenta (21%)

Yellow (100%)

Black (4%)



Cyan (4%)



















Magenta (24%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16171520 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 16171520 by changing the saturation by 10% instead.


 16171520	 16171520
 16777215	 14132992
 16775764	 12094720
 16777074	 10122240
 16777103	 8215296
 16777132	 6308864
 16777161	 4533760
 16777191	 2824704
	 1048576
	 0

 16171520

 16172825

 16174129

 16175690

 16176994

 16178299

 16179604

 16180908

 16182469

 16183773

Harmonies

Analogous

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



16753477



16171520



11261991

Triad

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



16171520



60671



16749823

Complementary

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



16171520



13558

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.



11974911



16171520



58879

Square

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



16171520



60605



54783



16743381

Rectangle

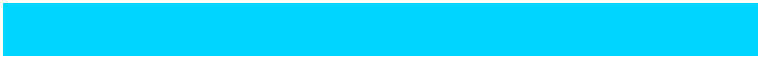
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16171520



6939222



54783



16752895

Sweetspot

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



16171520



16773043



16121909



8418898



0



8421504

Same Dimension

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



16171520



16763136



11597312



8026222



12227328



3878400

Inverse Universe

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



13558



14079



4587766



7238010



10170



3131

Previews

White Background



This preview shows how the Decimal color 16171520 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 16171520 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 16171520 Background



This preview shows how black text looks on a background with the Decimal color 16171520.



This preview shows how white text looks on a background with the Decimal color 16171520.

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
16171520

Protanopia
14928140

Deuteranopia
16694799



Tritanopia
16758210

Trichromacy



Original Color
16171520

Protanomaly
15386120

Deuteranomaly
16498442

Tritanomaly
16562811

Monochromacy



Original Color
16171520

Achromatopsia
12303291

Achromatomaly
13680247

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16171520 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 #F6C200 looks like.

```
.text, #text, p{  
    color:#F6C200  
}
```

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 #F6C200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6C200
}
```

Border

The CSS property to change the border of an element to Decimal 16171520 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
#F6C200 }
```

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

```
.border{ border-color:#F6C200 }
```

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

Here you see how a box with a 4 pixel #F6C200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6C200; -webkit-box-shadow:4px 4px  
4px 4px #F6C200; box-shadow:4px 4px 4px  
4px #F6C200 }
```

Background

The CSS property to change the background color of an element to Decimal 16171520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6C200 }
```

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

```
.background{ background-color:#F6C200 }
```

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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