

# Converting Colors

Decimal(16055296)

Have a look what the booklet for  
Decimal(16055296) contains.

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# **Color**

**Decimal(16055296)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FC00
RGB	244, 252, 0
RGB Percent	96%, 99%, 0%
CMY	0.0431, 0.0118, 1.0000
CMYK	0.03, 0.00, 1.00, 0.01
HSL	62°, 100%, 49%
HSV	62°, 100%, 99%
XYZ	72.1186, 88.8539, 13.3495
YIQ	220.8800, 76.1240, -80.0680

# Conversions

## Conversions Part 2

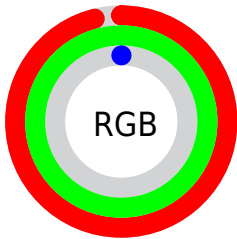
Format	Color
<a href="#">RYB</a>	0, 252, 8
Decimal	16055296
CIELab	95.52, -24.64, 92.92
CIELCh	96, 96.130, 104.854
Yxy	88.8539, 0.4137, 0.5097
Android (android.graphics.Color)	4294245376 (0xFFFF4FC00)
YUV	220.8800, -108.8938, 20.2762
Hunter-Lab	94.2623, -28.3916, 57.5870

# Details

The Decimal color **16055296** is a light color, and the websafe version is hex **FFFF00**. The color can be described as light saturated yellow. A complement of this color would be **524540**, and the grayscale version is **14606046**.

A 20% lighter version of the original color is **16777055**, and **12043264** is the 20% darker color. If you saturate the color by 10%, you get **16055296**, and if you desaturate by 10%, it is **16120857**.

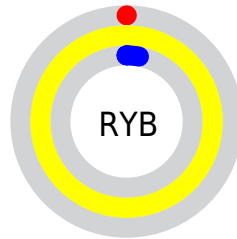
# Distribution



Red (96%)

Green (99%)

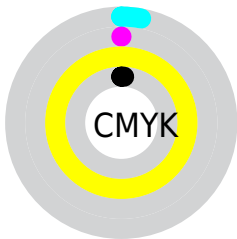
Blue (0%)



Red (0%)

Yellow (99%)

Blue (3%)

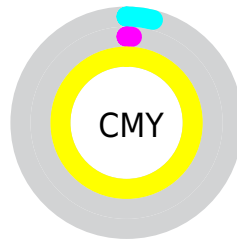


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (1%)



Cyan (4%)

Magenta (1%)


















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16055296 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 16055296 by changing the saturation by 10% instead.



 16055296	 16055296
16777215	 14016512
 16777055	 12043264
 16777087	 10070272
 16777117	 8162816
 16777147	 6255872
 16777177	 4348928
 16777208	 2573568
	 667136
	 7168

 16055296

 16120857

 16186418

 16186444

 16252005

 16317566

 16383127

 16448688

 16448714

 16514275

# Harmonies

## Analogous

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



16768033



16055296



8847203

# Triad

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



16055296



65535



16752127

# Complementary

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



16055296



524540

# 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.



16762111



16055296



65535

# Square

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



16055296



65535



8842751



16750280

# Rectangle

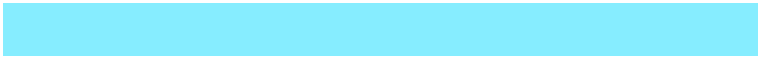
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16055296



65438



8842751



16754943



# Sweetspot

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



16055296



16646067



16516096



8290386



0



8421504



# Same Dimension

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



16055296



16252672



8059904



8224112



12041472



3882240



# Inverse Universe

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



524540



524543



8519932



7434365



393405

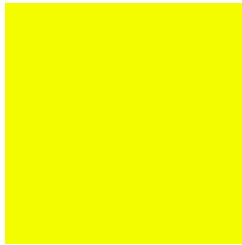


131133



# Previews

## White Background



This preview shows how the Decimal color 16055296 looks on a white background.

## Color Contrast Check

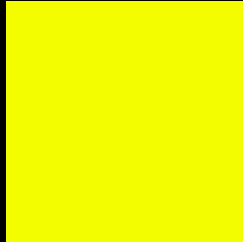
Large Text (above 18pt) WCAG AA × Fail

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 16055296 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 16055296 Background



This preview shows how black text looks on a background with the Decimal color 16055296.

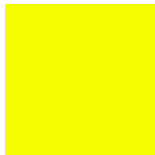


This preview shows how white text looks on a background with the Decimal color 16055296.

# 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**  
16055296



**Protanopia**  
16773823

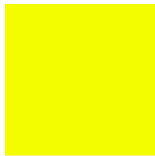


**Deuteranopia**  
16773341

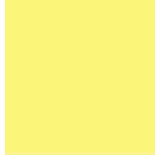


**Tritanopia**  
16772601

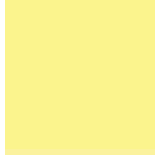
# Trichromacy



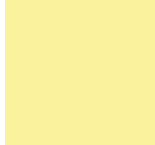
**Original Color**  
16055296



**Protanomaly**  
16512634

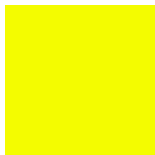


**Deuteranomaly**  
16512141



**Tritanomaly**  
16511646

# Monochromacy



**Original Color**  
16055296



**Achromatopsia**  
14540253



**Achromatomaly**  
15067277

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16055296 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 #F4FC00 looks like.

```
.text, #text, p{  
    color:#F4FC00  
}
```

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 #F4FC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4FC00
}
```

## Border

The CSS property to change the border of an element to Decimal 16055296 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
#F4FC00 }
```

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

```
.border{ border-color:#F4FC00 }
```

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

Here you see how a box with a 4 pixel #F4FC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4FC00; -webkit-box-shadow:4px 4px  
4px 4px #F4FC00; box-shadow:4px 4px 4px  
4px #F4FC00 }
```

# Background

The CSS property to change the background color of an element to Decimal 16055296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4FC00 }
```

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

```
.background{ background-color:#F4FC00 }
```

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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