

# Converting Colors

Decimal(12056064)

Have a look what the booklet for  
Decimal(12056064) contains.

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# **Color**

**Decimal(12056064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7F600
RGB	183, 246, 0
RGB Percent	72%, 96%, 0%
CMY	0.2824, 0.0353, 1.0000
CMYK	0.26, 0.00, 1.00, 0.04
HSL	75°, 100%, 48%
HSV	75°, 100%, 96%
XYZ	52.4842, 75.9788, 11.8992
YIQ	199.1190, 41.4180, -89.8620

# Conversions

## Conversions Part 2

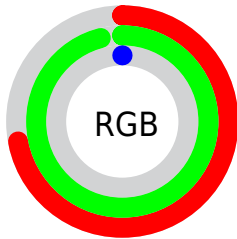
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 246, 63
Decimal	12056064
CIELab	89.85, -46.04, 86.88
CIElCh	90, 98.326, 117.922
Yxy	75.9788, 0.3739, 0.5413
Android (android.graphics.Color)	4290246144 (0xFFB7F600)
YUV	199.1190, -98.1657, -14.1364
Hunter-Lab	87.1658, -45.0619, 52.9223

# Details

The Decimal color **12056064** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **4129014**, and the grayscale version is **13158600**.

A 20% lighter version of the original color is **16056156**, and **8109312** is the 20% darker color. If you saturate the color by 10%, you get **12056064**, and if you desaturate by 10%, it is **12449305**.

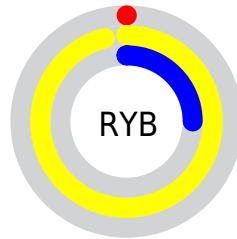
# Distribution



Red (72%)

Green (96%)

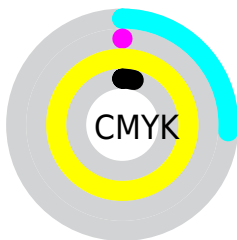
Blue (0%)



Red (0%)

Yellow (96%)

Blue (25%)

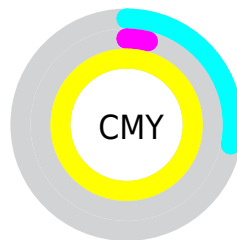


Cyan (26%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (28%)

Magenta (4%)



















Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 12056064 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 12056064 by changing the saturation by 10% instead.



 12056064	 12056064
 16777215	 10082560
 16056156	 8109312
 16777083	 6136320
 16777113	 4163328
 16777143	 1732096
 16777173	 21760
 16777203	 15616
	 10240
	 0

 12056064

 12449305

 12908081

 13301322

 13694562

 14153339

 14546580

 14939820

 15333061

 15791837

# Harmonies

## Analogous

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



16768000



12056064



65399

# Triad

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



12056064



65535



16743917

# Complementary

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



12056064



4129014

# 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.



16752383



12056064



61439

# Square

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



12056064



65535



13683967



16747408

# Rectangle

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



12056064



65463



13683967



16745727

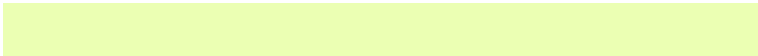


# Sweetspot

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



12056064



15466419



16137728



7635026



0



8421504



# Same Dimension

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



12056064



12517120



4126208



7830126



9091584



2898688



# Inverse Universe

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



4129014



4260095



12124406



7433850



3145914

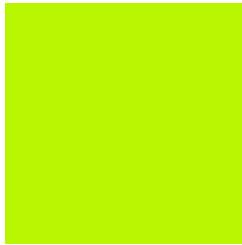


983099



# Previews

## White Background



This preview shows how the Decimal color 12056064 looks on a white background.

## Color Contrast Check

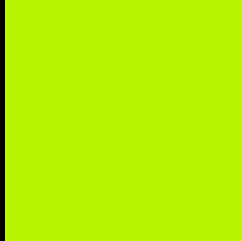
Large Text (above 18pt) WCAG AA × Fail

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 12056064 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 12056064 Background



This preview shows how black text looks on a background with the Decimal color 12056064.

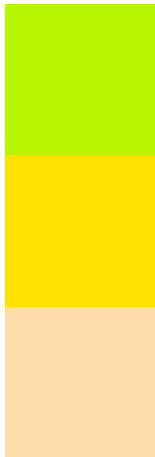


This preview shows how white text looks on a background with the Decimal color 12056064.

# 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**  
12056064

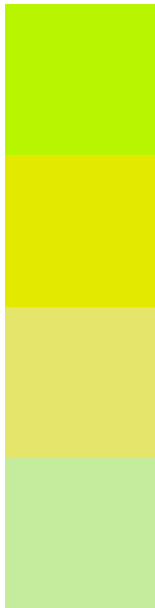
**Protanopia**  
16704000

**Deuteranopia**  
16768170



**Tritanopia**  
13493751

# Trichromacy



**Original Color**  
12056064

**Protanomaly**  
15001856

**Deuteranomaly**  
15066476

**Tritanomaly**  
12970909

# Monochromacy



**Original Color**  
12056064

**Achromatopsia**  
13092807

**Achromatomaly**  
12703871

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 12056064 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 #B7F600 looks like.

```
.text, #text, p{  
    color:#B7F600  
}
```

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 #B7F600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B7F600
}
```

## Border

The CSS property to change the border of an element to Decimal 12056064 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
#B7F600 }
```

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

```
.border{ border-color:#B7F600 }
```

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

Here you see how a box with a 4 pixel #B7F600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B7F600; -webkit-box-shadow:4px 4px  
4px 4px #B7F600; box-shadow:4px 4px 4px  
4px #B7F600 }
```

# Background

The CSS property to change the background color of an element to Decimal 12056064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B7F600 }
```

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

```
.background{ background-color:#B7F600 }
```

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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