

# Converting Colors

Decimal(16055904)

Have a look what the booklet for  
Decimal(16055904) contains.

<b>Decimal(16055904)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16055904)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4FE60
RGB	244, 254, 96
RGB Percent	96%, 100%, 38%
CMY	0.0431, 0.0039, 0.6235
CMYK	0.04, 0.00, 0.62, 0.00
HSL	64°, 99%, 69%
HSV	64°, 62%, 100%
XYZ	74.8614, 90.9612, 24.6780
YIQ	232.9980, 44.7580, -51.2580

# Conversions

## Conversions Part 2

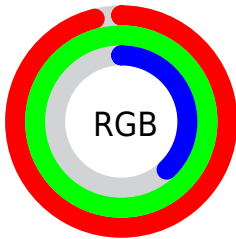
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 254, 106
Decimal	16055904
CIE Lab	96.39, -22.70, 71.84
CIE LCh	96, 75.345, 107.538
Yxy	90.9612, 0.3930, 0.4775
Android (android.graphics.Color)	4294245984 (0xFFFF4FE60)
YUV	232.9980, -67.5400, 9.6488
Hunter-Lab	95.3736, -26.7943, 51.4202

# Details

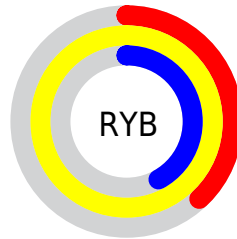
The Decimal color **16055904** is a light color, and the websafe version is hex **FFFF66**. A complement of this color would be **6971646**, and the grayscale version is **15395562**.

A 20% lighter version of the original color is **16777113**, and **12174625** is the 20% darker color. If you saturate the color by 10%, you get **15924807**, and if you desaturate by 10%, it is **16187001**.

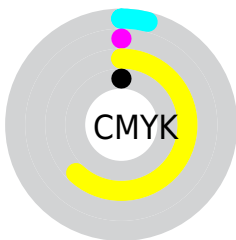
# Distribution



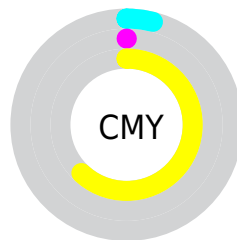
- Red (96%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16055904 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 16055904 by changing the saturation by 10% instead.



 16055904

 16055904

16777215

 14082371

 16777113

 12174625

 16777141

 10267136

 16777170

 8359936

 16777200

 6518272

 4742656

 2967040

 1191936

 7424

■ 16055904

■ 16055904

■ 15924807

■ 16187001

■ 15859245

■ 16252563

■ 15728148

■ 16383660

■ 15662592

■ 16449222

■ 16580319

■ 16711416

16776959

# Harmonies

## Analogous

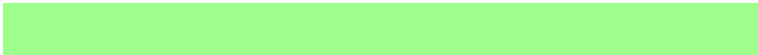
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



16770656



16055904



10485645

# Triad

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



16055904



65535



16759039

# Complementary

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



16055904



6971646

# 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.



16765183



16055904



65535

# Square

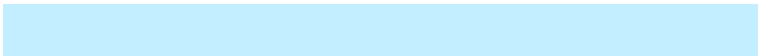
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16055904



65535



12840703



16758477

# Rectangle

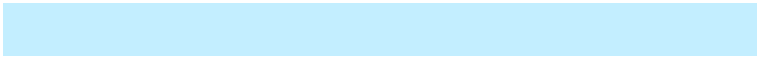
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16055904



4456378



12840703



16760575



# Sweetspot

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



16055904



16580559



16672864



8290402



0



8421504



# Same Dimension

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



16055904



15990592



11009632



8355955



11779840



3948544



# Inverse Universe

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



6971646



4997375



12017918



7631744



786623

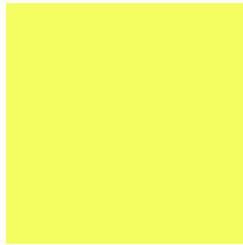


262208



# Previews

## White Background



This preview shows how the Decimal color 16055904 looks on a white background.

## Color Contrast Check

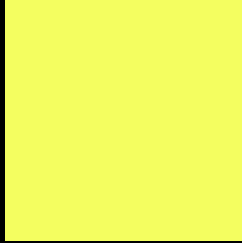
Large Text (above 18pt) WCAG AA × Fail

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 16055904 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 16055904 Background



This preview shows how black text looks on a background with the Decimal color 16055904.

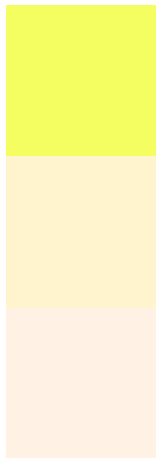


This preview shows how white text looks on a background with the Decimal color 16055904.

# 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**  
16055904

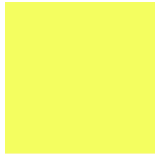
**Protanopia**  
16774349

**Deuteranopia**  
16773860



**Tritanopia**  
16773373

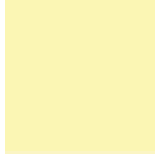
# Trichromacy



**Original Color**  
16055904



**Protanomaly**  
16513189

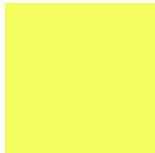


**Deuteranomaly**  
16512692

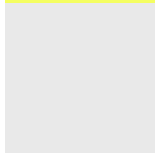


**Tritanomaly**  
16512452

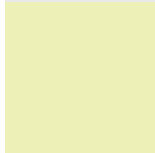
# Monochromacy



**Original Color**  
16055904



**Achromatopsia**  
15329769



**Achromatomaly**  
15593911

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16055904 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 #F4FE60 looks like.

```
.text, #text, p{  
    color:#F4FE60  
}
```

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 #F4FE60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F4FE60
}
```

## Border

The CSS property to change the border of an element to Decimal 16055904 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
#F4FE60 }
```

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

```
.border{ border-color:#F4FE60 }
```

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

Here you see how a box with a 4 pixel #F4FE60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F4FE60; -webkit-box-shadow:4px 4px  
4px 4px #F4FE60; box-shadow:4px 4px 4px  
4px #F4FE60 }
```

# Background

The CSS property to change the background color of an element to Decimal 16055904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F4FE60 }
```

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

```
.background{ background-color:#F4FE60 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor