

# Converting Colors

Decimal(15990309)

Have a look what the booklet for  
Decimal(15990309) contains.

<b>Decimal(15990309)</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(15990309)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3FE25
RGB	243, 254, 37
RGB Percent	95%, 100%, 15%
CMY	0.0471, 0.0039, 0.8549
CMYK	0.04, 0.00, 0.85, 0.00
HSL	63°, 99%, 57%
HSV	63°, 85%, 100%
XYZ	72.7379, 90.0719, 15.3022
YIQ	225.9730, 63.1010, -69.8190

# Conversions

## Conversions Part 2

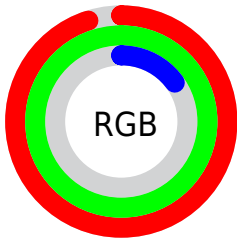
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	37, 254, 48
Decimal	15990309
CIE Lab	96.03, -25.53, 89.17
CIE LCh	96, 92.749, 105.976
Yxy	90.0719, 0.4084, 0.5057
Android (android.graphics.Color)	4294180389 (0xFFFF3FE25)
YUV	225.9730, -93.1637, 14.9327
Hunter-Lab	94.9062, -29.2801, 56.8747

# Details

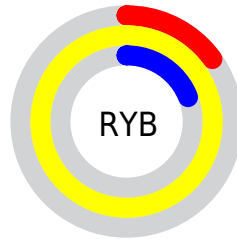
The Decimal color **15990309** is a light color, and the websafe version is hex **FFFF33**. The color can be described as light washed yellow. A complement of this color would be **3155454**, and the grayscale version is **14935011**.

A 20% lighter version of the original color is **16777068**, and **11978240** is the 20% darker color. If you saturate the color by 10%, you get **15924748**, and if you desaturate by 10%, it is **16055870**.

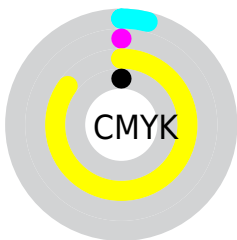
# Distribution



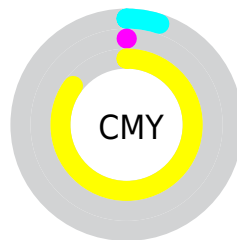
- Red (95%)
- Green (100%)
- Blue (15%)



- Red (15%)
- Yellow (100%)
- Blue (19%)



- Cyan (4%)
- Magenta (0%)
- Yellow (85%)
- Black (0%)



















- Cyan (5%)
- Magenta (0%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15990309 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 15990309 by changing the saturation by 10% instead.



 15990309	 15990309
16777215	 13951232
 16777068	 11978240
 16777098	 10070528
 16777128	 8097792
 16777158	 6256128
 16777188	 4349440
	 2508288
	 601856
	 7424

■ 15990309

■ 15990309

■ 15924748

■ 16055870

■ 15859200

■ 16186968

■ 16252529

■ 16318091

■ 16383652

■ 16514749

■ 16580311

■ 16645872

16776959

# Harmonies

## Analogous

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



16769071



15990309



8978285

# Triad

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



15990309



65535



16753407

# Complementary

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



15990309



3155454

# 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.



16762623



15990309



65535

# Square

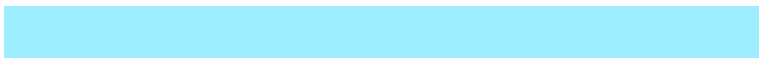
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



15990309



65535



10219007



16752071

# Rectangle

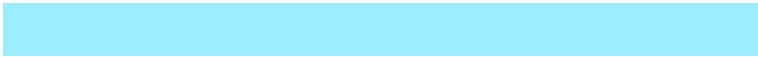
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15990309



65446



10219007



16755967



# Sweetspot

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



15990309



16580541



16658469



8224856



0



8421504



# Same Dimension

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



15990309



15924992



8912421



8355955



11976448



4014080



# Inverse Universe

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



3155454



852223



10233342



7566208



655551

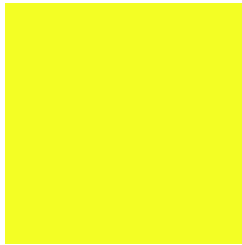


196672



# Previews

## White Background



This preview shows how the Decimal color 15990309 looks on a white background.

## Color Contrast Check

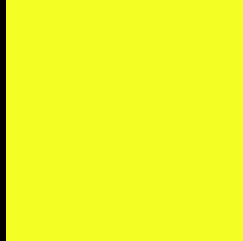
Large Text (above 18pt) WCAG AA × Fail

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 15990309 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 15990309 Background



This preview shows how black text looks on a background with the Decimal color 15990309.




This preview shows how white text looks on a background with the Decimal color 15990309.

# 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](#).

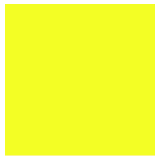
## Dichromacy

	<b>Original Color</b> 15990309
	<b>Protanopia</b> 16774087
	<b>Deuteranopia</b> 16773601

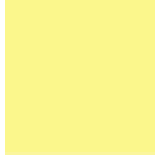


**Tritanopia**  
16773115

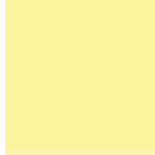
# Trichromacy



**Original Color**  
15990309



**Protanomaly**  
16512908

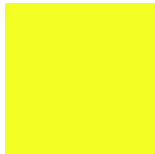


**Deuteranomaly**  
16512669

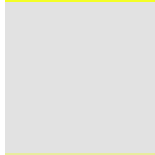


**Tritanomaly**  
16512173

# Monochromacy



**Original Color**  
15990309



**Achromatopsia**  
14869218



**Achromatomaly**  
15264925

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15990309 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 #F3FE25 looks like.

```
.text, #text, p{  
    color:#F3FE25  
}
```

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 #F3FE25 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F3FE25
}
```

## Border

The CSS property to change the border of an element to Decimal 15990309 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
#F3FE25 }
```

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

```
.border{ border-color:#F3FE25 }
```

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

Here you see how a box with a 4 pixel #F3FE25 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F3FE25; -webkit-box-shadow:4px 4px  
4px 4px #F3FE25; box-shadow:4px 4px 4px  
4px #F3FE25 }
```

# Background

The CSS property to change the background color of an element to Decimal 15990309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F3FE25 }
```

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

```
.background{ background-color:#F3FE25 }
```

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