

# Converting Colors

Decimal(351482)

Have a look what the booklet for  
Decimal(351482) contains.

<b>Decimal(351482)</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(351482)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	055CFA
RGB	5, 92, 250
RGB Percent	2%, 36%, 98%
CMY	0.9804, 0.6392, 0.0196
CMYK	0.98, 0.63, 0.00, 0.02
HSL	219°, 96%, 50%
HSV	219°, 98%, 98%
XYZ	21.1451, 14.5887, 92.1439
YIQ	83.9990, -102.5700, 30.6940

# Conversions

## Conversions Part 2

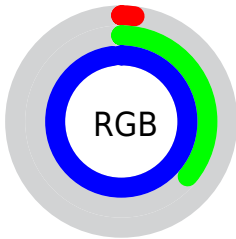
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 69, 250
Decimal	351482
CIELab	45.07, 39.75, -83.89
CIELCh	45, 92.832, 295.354
Yxy	14.5887, 0.1654, 0.1141
Android (android.graphics.Color)	4278541562 (0xFF055CFA)
YUV	83.9990, 81.8385, -69.2821
Hunter-Lab	38.1951, 31.9772, -116.2976

# Details

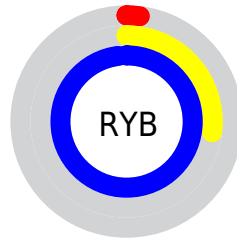
The Decimal color **351482** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark saturated blue. A complement of this color would be **16425733**, and the grayscale version is **5460819**.

A 20% lighter version of the original color is **7507711**, and **12480** is the 20% darker color. If you saturate the color by 10%, you get **23034**, and if you desaturate by 10%, it is **1993978**.

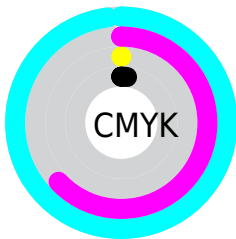
# Distribution



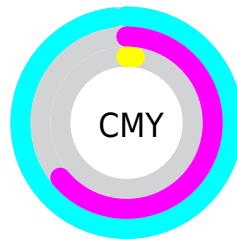
- Red (2%)
- Green (36%)
- Blue (98%)



- Red (2%)
- Yellow (27%)
- Blue (98%)



- Cyan (98%)
- Magenta (63%)
- Yellow (0%)
- Black (2%)




















- Cyan (98%)
- Magenta (64%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 351482 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 351482 by changing the saturation by 10% instead.



 351482	 351482
 16777215	 17885
 7507711	 12480
 9742591	 7588
 11912191	 3465
 14016511	 1646
 16121087	 3157
	 1597
	 806
	 271

■ 351482

■ 351482

■ 23034

■ 1993978

■ 3636474

■ 5278970

■ 6921466

■ 8564218

■ 10206714

■ 11849210

■ 13491706

■ 15134202

# Harmonies

## Analogous

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



31487



351482



11998660

# Triad

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



351482



12859648



34652

# Complementary

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



351482



16425733

# 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.



33536



351482



9266176

# Square

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



351482



15007791



4225280



35244

# Rectangle

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



351482



14418068



4225280



34368



# Sweetspot

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



351482



11915263



391840



5464960



0



8421504



# Same Dimension

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



351482



23551



2491898



7370109



17341



5693



# Inverse Universe

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



16385372



16711771



14285317



8220789



12386371



3997718



# Previews

## White Background



This preview shows how the Decimal color 351482 looks on a white background.

### Color Contrast Check

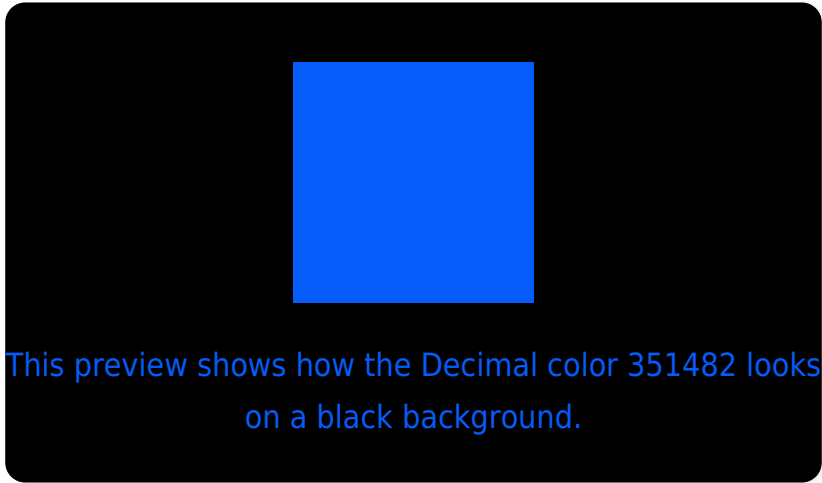
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

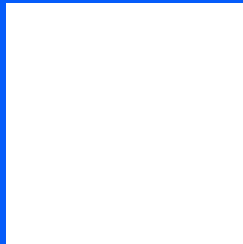
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 351482 Background



This preview shows how black text looks on a background with the Decimal color 351482.

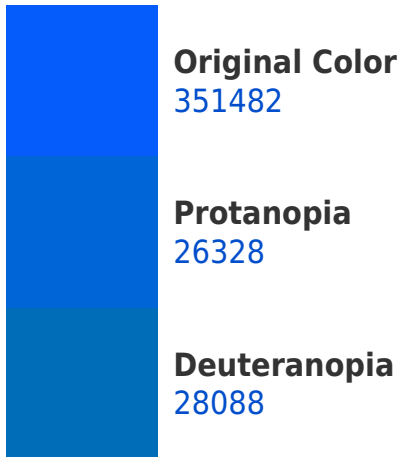


This preview shows how white text looks on a background with the Decimal color 351482.

# Color Blindness Simulation

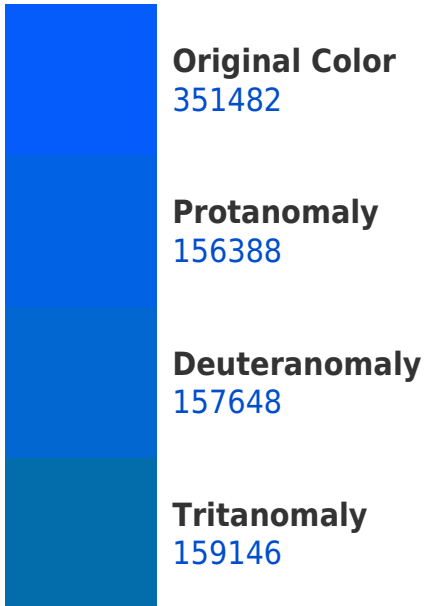
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 351482 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 #055CFA looks like.

```
.text, #text, p{  
    color:#055CFA  
}
```

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 #055CFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #055CFA
}
```

## Border

The CSS property to change the border of an element to Decimal 351482 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
#055CFA }
```

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

```
.border{ border-color:#055CFA }
```

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

Here you see how a box with a 4 pixel #055CFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #055CFA; -webkit-box-shadow:4px 4px  
4px 4px #055CFA; box-shadow:4px 4px 4px  
4px #055CFA }
```

# Background

The CSS property to change the background color of an element to Decimal 351482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#055CFA }
```

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

```
.background{ background-color:#055CFA }
```

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