

# Converting Colors

Decimal(5395667)

Have a look what the booklet for  
Decimal(5395667) contains.

<b>Decimal(5395667)</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(5395667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5254D3
RGB	82, 84, 211
RGB Percent	32%, 33%, 83%
CMY	0.6784, 0.6706, 0.1725
CMYK	0.61, 0.60, 0.00, 0.17
HSL	239°, 59%, 57%
HSV	239°, 61%, 83%
XYZ	18.4079, 12.8376, 63.1357
YIQ	97.8800, -41.9590, 39.0730

# Conversions

## Conversions Part 2

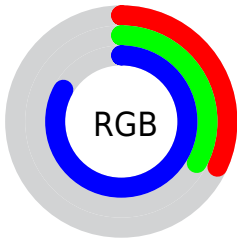
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	82, 84, 211
Decimal	5395667
CIE <sub>Lab</sub>	42.52, 37.05, -65.88
CIE <sub>LCh</sub>	43, 75.589, 299.354
Yxy	12.8376, 0.1950, 0.1360
Android (android.graphics.Color)	4283585747 (0xFF5254D3)
YUV	97.8800, 55.7682, -13.9268
Hunter-Lab	35.8296, 29.0044, -79.3947

# Details

The Decimal color **5395667** is a dark color, and the websafe version is hex **6666FF**. The color can be described as dark muted blue. A complement of this color would be **13881682**, and the grayscale version is **6381921**.

A 20% lighter version of the original color is **9406207**, and **10139** is the 20% darker color. If you saturate the color by 10%, you get **4014035**, and if you desaturate by 10%, it is **6777299**.

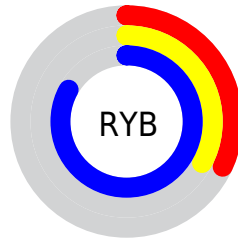
# Distribution



Red (32%)

Green (33%)

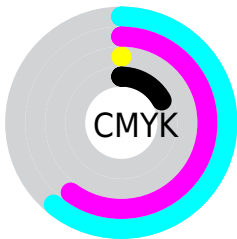
Blue (83%)



Red (32%)

Yellow (33%)

Blue (83%)

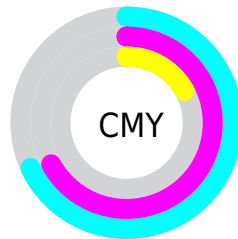


Cyan (61%)

Magenta (60%)

Yellow (0%)

Black (17%)



Cyan (68%)

Magenta (67%)

Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5395667 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 5395667 by changing the saturation by 10% instead.



■ 5395667

■ 5395667

16777215

■ 3095991

■ 9406207

■ 10139

■ 11378943

■ 4993

■ 13351935

■ 103

■ 15325183

■ 1614

■ 16774143

■ 1334

■ 544

■ 3

■ 0

■ 5395667

■ 5395667

■ 4014035

■ 6777299

■ 2632403

■ 8158931

■ 1251027

■ 9540307

■ 979

■ 10921939

■ 12303571

■ 13750739

■ 15132115

■ 16513747

■ 16777171

# Harmonies

## Analogous

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



28387



5395667



11217061

# Triad

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



5395667



11224320



32097

# Complementary

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



5395667



13881682

# 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.



31260



5395667



8151552

# Square

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



5395667



13111340



3961344



32417

# Rectangle

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



5395667



12910717



3961344



31819



# Sweetspot

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



5395667



13751039



5428177



6513792



0



8421504



# Same Dimension

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



5395667



4540671



9458387



6184553



936



297



# Inverse Universe

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



13849172



16729416



9818962



6905438



11010051

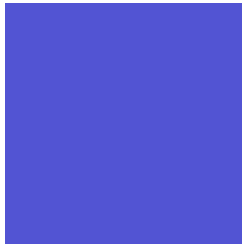


2686977



# Previews

## White Background



This preview shows how the Decimal color 5395667 looks on a white background.

## Color Contrast Check

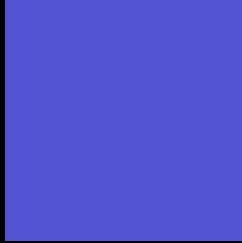
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 5395667 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

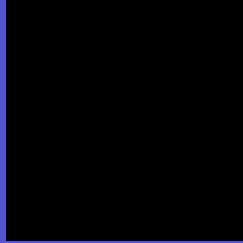
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 5395667 Background



This preview shows how black text looks on a background with the Decimal color 5395667.

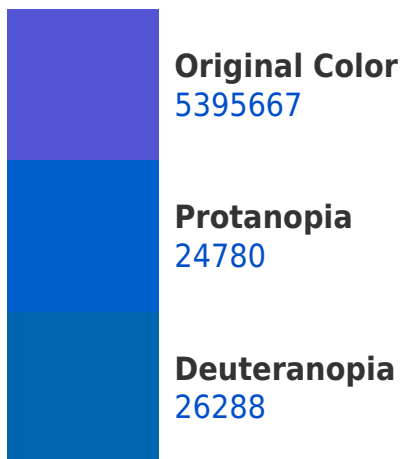


This preview shows how white text looks on a background with the Decimal color 5395667.

# 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



**Original Color**  
5395667

**Protanomaly**  
1989839

**Deuteranomaly**  
1990589

**Tritanomaly**  
3499416

# Monochromacy



**Original Color**  
5395667

**Achromatopsia**  
6447714

**Achromatomaly**  
6053259

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5395667 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 #5254D3 looks like.

```
.text, #text, p{  
    color:#5254D3  
}
```

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 #5254D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5254D3
}
```

## Border

The CSS property to change the border of an element to Decimal 5395667 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
#5254D3 }
```

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

```
.border{ border-color:#5254D3 }
```

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

Here you see how a box with a 4 pixel #5254D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5254D3; -webkit-box-shadow:4px 4px  
4px 4px #5254D3; box-shadow:4px 4px 4px  
4px #5254D3 }
```

# Background

The CSS property to change the background color of an element to Decimal 5395667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5254D3 }
```

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

```
.background{ background-color:#5254D3 }
```

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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