

Converting Colors

Decimal(5592573)

Have a look what the booklet for
Decimal(5592573) contains.

Decimal(5592573)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5592573)

Conversions

Conversions Part 1

Format	Color
Hex	5555FD
RGB	85, 85, 253
RGB Percent	33%, 33%, 99%
CMY	0.6667, 0.6667, 0.0078
CMYK	0.66, 0.66, 0.00, 0.01
HSL	240°, 98%, 66%
HSV	240°, 66%, 99%
XYZ	24.7244, 15.5201, 94.6211
YIQ	104.1520, -53.9280, 52.2480

Conversions

Conversions Part 2

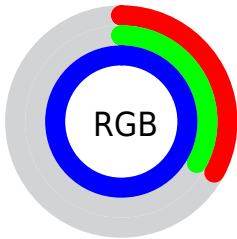
Format	Color
R _Y B	85, 85, 253
Decimal	5592573
CIE Lab	46.34, 50.48, -83.38
CIE LCh	46, 97.465, 301.191
Yxy	15.5201, 0.1833, 0.1151
Android (android.graphics.Color)	4283782653 (0xFF5555FD)
YUV	104.1520, 73.3821, -16.7963
Hunter-Lab	39.3956, 43.0831, -114.8268

Details

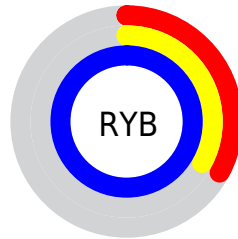
The Decimal color **5592573** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted blue. A complement of this color would be **16645461**, and the grayscale version is **6776679**.

A 20% lighter version of the original color is **9996543**, and **9923** is the 20% darker color. If you saturate the color by 10%, you get **3947773**, and if you desaturate by 10%, it is **7237373**.

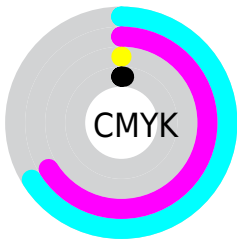
Distribution



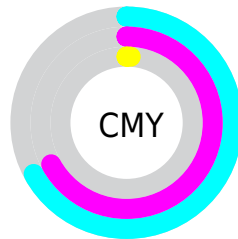
- Red (33%)
- Green (33%)
- Blue (99%)



- Red (33%)
- Yellow (33%)
- Blue (99%)



- Cyan (66%)
- Magenta (66%)
- Yellow (0%)
- Black (1%)



- Cyan (67%)
- Magenta (67%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5592573 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 5592573 by changing the saturation by 10% instead.

■ 5592573

■ 5592573

16777215

■ 2702816

■ 9996543

■ 9923

■ 12100351

■ 4519

■ 14138879

■ 140

■ 16243455

■ 113

■ 16774911

■ 3159

■ 1599

■ 808

■ 274

■ 5592573

■ 5592573

■ 3947773

■ 7237373

■ 2237181

■ 8947965

■ 592381

■ 10592765

■ 253

■ 12237565

■ 13948157

■ 15592957

16777213

Harmonies

Analogous

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



31487



5592573



13369534

Triad

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



5592573



12731648



35951

Complementary

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



5592573



16645461

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.



34825



5592573



8612864

Square

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



5592573



15335455



2392064



36290

Rectangle

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



5592573



15466634



2392064



35666

Sweetspot

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



5592573



13421823



5635581



6381952



0



8421504

Same Dimension

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



5592573



3355647



11097597



7566208



191



64

Inverse Universe

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



16602621



16724991



11140437



8418176



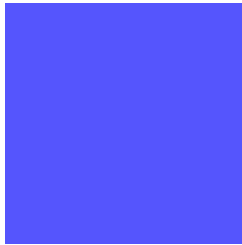
12517567



4194368

Previews

White Background



This preview shows how the Decimal color 5592573 looks on a white background.

Color Contrast Check

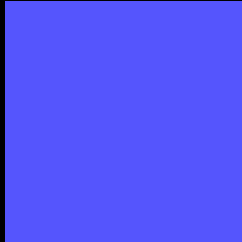
Large Text (above 18pt) WCAG AA ✓ Pass

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 5592573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

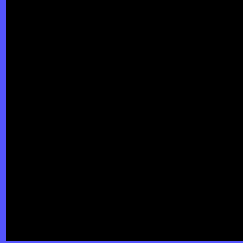
Any Text WCAG AA × Fail

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 5592573 Background



This preview shows how black text looks on a background with the Decimal color 5592573.

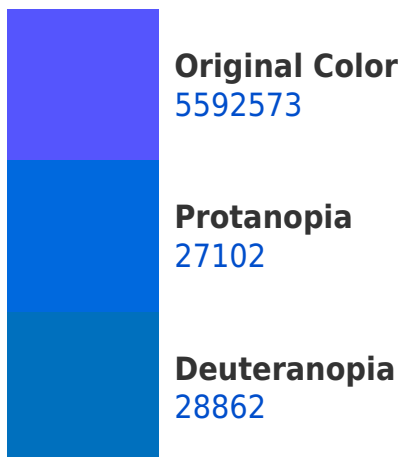


This preview shows how white text looks on a background with the Decimal color 5592573.

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
5592573



Protanomaly
2056937



Deuteranomaly
2057941



Tritanomaly
2059439

Monochromacy



Original Color
5592573



Achromatopsia
6842472



Achromatomaly
6381982

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5592573 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 #5555FD looks like.

```
.text, #text, p{  
    color:#5555FD  
}
```

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 #5555FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5555FD
}
```

Border

The CSS property to change the border of an element to Decimal 5592573 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
#5555FD }
```

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

```
.border{ border-color:#5555FD }
```

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

Here you see how a box with a 4 pixel #5555FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5555FD; -webkit-box-shadow:4px 4px  
4px 4px #5555FD; box-shadow:4px 4px 4px  
4px #5555FD }
```

Background

The CSS property to change the background color of an element to Decimal 5592573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5555FD }
```

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

```
.background{ background-color:#5555FD }
```

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