

Converting Colors

Decimal(5660149)

Have a look what the booklet for
Decimal(5660149) contains.

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Color

Decimal(5660149)

Conversions

Conversions Part 1

Format	Color
Hex	565DF5
RGB	86, 93, 245
RGB Percent	34%, 36%, 96%
CMY	0.6627, 0.6353, 0.0392
CMYK	0.65, 0.62, 0.00, 0.04
HSL	237°, 89%, 65%
HSV	237°, 65%, 96%
XYZ	24.2335, 16.3997, 88.2744
YIQ	108.2350, -52.9640, 45.7880

Conversions

Conversions Part 2

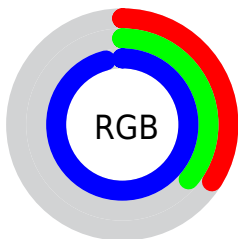
Format	Color
RYP	86, 93, 245
Decimal	5660149
CIELab	47.49, 43.37, -77.02
CIElCh	47, 88.387, 299.384
Yxy	16.3997, 0.1880, 0.1272
Android (android.graphics.Color)	4283850229 (0xFF565DF5)
YUV	108.2350, 67.4251, -19.5001
Hunter-Lab	40.4966, 35.9472, -100.8928

Details


The Decimal color **5660149** 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 **16117334**, and the grayscale version is **7105644**.

A 20% lighter version of the original color is **9933055**, and **12219** is the 20% darker color. If you saturate the color by 10%, you get **4081397**, and if you desaturate by 10%, it is **7304437**.

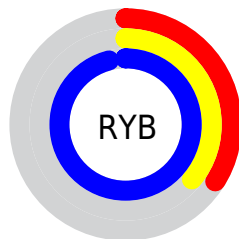
Distribution



 Red (34%)

 Green (36%)

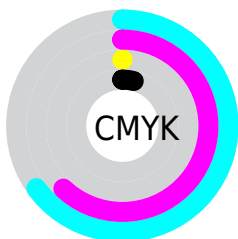
 Blue (96%)




 Red (34%)

 Yellow (36%)

 Blue (96%)

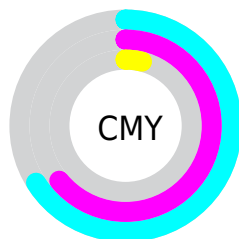



 Cyan (65%)

 Magenta (62%)

 Yellow (0%)

 Black (4%)



 Cyan (66%)

 Magenta (64%)

 Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5660149 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 5660149 by changing the saturation by 10% instead.

■ 5660149

■ 5660149

16777215

■ 3032536

■ 9933055

■ 12219

■ 11971327

■ 6816

■ 14010111

■ 2181

■ 16048895

■ 106

16776959

■ 2897

■ 1337

■ 547

■ 9

■ 5660149

■ 5660149

■ 4081397

■ 7304437

■ 2436853

■ 8883445

■ 858101

■ 10527733

■ 3061

■ 12106741

■ 13751029

■ 15330037

■ 16777205

Harmonies

Analogous

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



31999



5660149



12852926

Triad

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



5660149



12798464



36205

Complementary

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



5660149



16117334

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.



35351



5660149



9137664

Square

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



5660149



15073325



4030720



36537

Rectangle

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



5660149



14876814



4030720



35923

Sweetspot

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



5660149



13619711



5699053



6448000



0



8421504

Same Dimension

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



5660149



3686911



10376949



7237498



2234



827

Inverse Universe

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



16078429



16726081



11400534



8023663



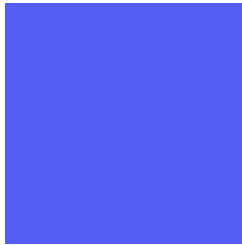
12189704



3866627

Previews

White Background



This preview shows how the Decimal color 5660149 looks on a white background.

Color Contrast Check

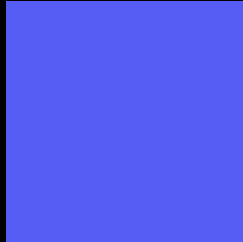
Large Text (above 18pt) WCAG AA ✓ Pass

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 5660149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

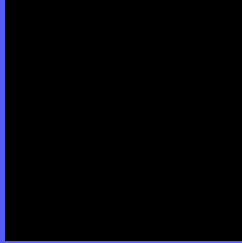
Any Text WCAG AA × Fail

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 5660149 Background



This preview shows how black text looks on a background with the Decimal color 5660149.



This preview shows how white text looks on a background with the Decimal color 5660149.

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](#).

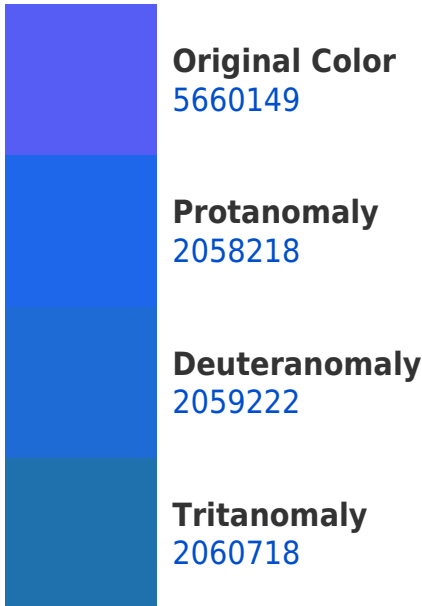
Dichromacy





Tritanopia
31878

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5660149 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 #565DF5 looks like.

```
.text, #text, p{  
    color:#565DF5  
}
```

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 #565DF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565DF5
}
```

Border

The CSS property to change the border of an element to Decimal 5660149 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
#565DF5 }
```

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

```
.border{ border-color:#565DF5 }
```

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

Here you see how a box with a 4 pixel #565DF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565DF5; -webkit-box-shadow:4px 4px  
4px 4px #565DF5; box-shadow:4px 4px 4px  
4px #565DF5 }
```

Background

The CSS property to change the background color of an element to Decimal 5660149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565DF5 }
```

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

```
.background{ background-color:#565DF5 }
```

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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