

Converting Colors

Decimal(5672959)

Have a look what the booklet for
Decimal(5672959) contains.

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Color

Decimal(5672959)

Conversions

Conversions Part 1

Format	Color
Hex	568FFF
RGB	86, 143, 255
RGB Percent	34%, 56%, 100%
CMY	0.6627, 0.4392, 0.0000
CMYK	0.66, 0.44, 0.00, 0.00
HSL	220°, 100%, 67%
HSV	220°, 66%, 100%
XYZ	31.7102, 28.8434, 98.5038
YIQ	138.7250, -69.9240, 22.7480

Conversions

Conversions Part 2

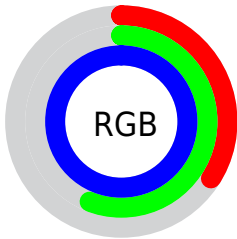
Format	Color
R _{YB}	86, 129, 255
Decimal	5672959
CIE Lab	60.64, 16.42, -61.29
CIE LCh	61, 63.451, 285.002
Yxy	28.8434, 0.1994, 0.1813
Android (android.graphics.Color)	4283863039 (0xFF568FFF)
YUV	138.7250, 57.3236, -46.2398
Hunter-Lab	53.7060, 11.4081, -71.1513

Details

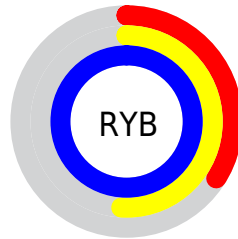
The Decimal color **5672959** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **16762454**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **9946367**, and **24261** is the 20% darker color. If you saturate the color by 10%, you get **4030207**, and if you desaturate by 10%, it is **7381247**.

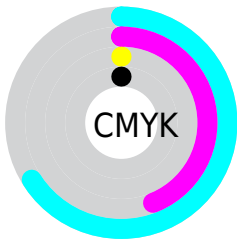
Distribution



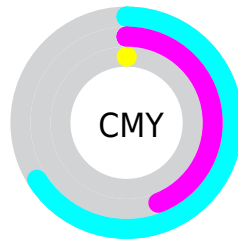
- Red (34%)
- Green (56%)
- Blue (100%)



- Red (34%)
- Yellow (51%)
- Blue (100%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (44%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5672959 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 5672959 by changing the saturation by 10% instead.

■ 5672959

■ 5672959

16777215

■ 3045090

■ 9946367

■ 24261

■ 11919615

■ 18346

■ 13958655

■ 12687

■ 15990783

■ 7796

■ 859

■ 1859

■ 811

■ 278

■ 5672959

■ 5672959

■ 4030207

■ 7381247

■ 2321919

■ 9023999

■ 679167

■ 10732287

■ 22271

■ 12375039

■ 14083071

■ 15725823

16777215

Harmonies

Analogous

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



41470



5672959



12089314

Triad

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



5672959



15298117



43891

Complementary

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



5672959



16762454

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.



5415997



5672959



12944665

Square

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



5672959



16211065



9738257



44462

Rectangle

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



5672959



14509763



9738257



43360

Sweetspot

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



5672959



13426175



5701572



6384512



0



8421504

Same Dimension

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



5672959



3373311



7296767



7567232



16831



5696

Inverse Universe

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



16733839



16724856



15138646



8418167



12517441



4194326

Previews

White Background



This preview shows how the Decimal color 5672959 looks on a white background.

Color Contrast Check

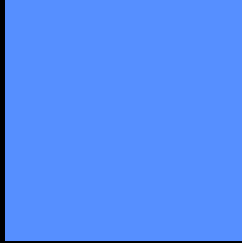
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Decimal color 5672959 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

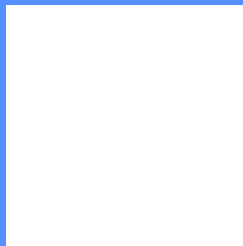
Any Text WCAG AAA × Fail

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

Decimal 5672959 Background



This preview shows how black text looks on a background with the Decimal color 5672959.



This preview shows how white text looks on a background with the Decimal color 5672959.

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](#).

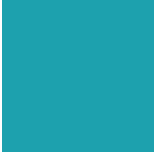
Dichromacy



Original Color
5672959

Protanopia
6262526

Deuteranopia
3642366



Tritanopia
1941934

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5672959 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 #568FFF looks like.

```
.text, #text, p{  
    color:#568FFF  
}
```

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 #568FFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #568FFF
}
```

Border

The CSS property to change the border of an element to Decimal 5672959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

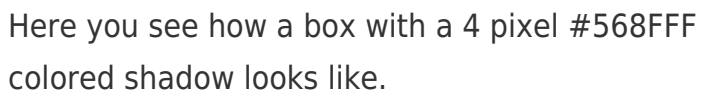
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#568FFF }
```

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

```
.border{ border-color:#568FFF }
```

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



Here you see how a box with a 4 pixel #568FFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #568FFF; -webkit-box-shadow:4px 4px  
4px 4px #568FFF; box-shadow:4px 4px 4px  
4px #568FFF }
```

Background

The CSS property to change the background color of an element to Decimal 5672959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#568FFF }
```

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

```
.background{ background-color:#568FFF }
```

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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