

Converting Colors

Decimal(5959935)

Have a look what the booklet for
Decimal(5959935) contains.

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Color

Decimal(5959935)

Conversions

Conversions Part 1

Format	Color
Hex	5AF0FF
RGB	90, 240, 255
RGB Percent	35%, 94%, 100%
CMY	0.6471, 0.0588, 0.0000
CMYK	0.65, 0.06, 0.00, 0.00
HSL	185°, 100%, 68%
HSV	185°, 65%, 100%
XYZ	53.4265, 71.7138, 105.6340
YIQ	196.8600, -94.2150, -27.1350

Conversions

Conversions Part 2

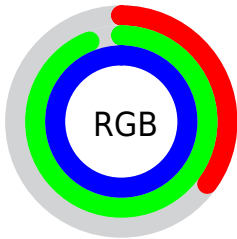
Format	Color
R _Y B	90, 169, 255
Decimal	5959935
CIE Lab	87.83, -34.90, -18.97
CIE LCh	88, 39.725, 208.528
Yxy	71.7138, 0.2315, 0.3108
Android (android.graphics.Color)	4284150015 (0xFF5AF0FF)
YUV	196.8600, 28.6630, -93.7162
Hunter-Lab	84.6840, -35.5827, -14.6790

Details

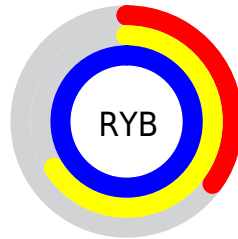
The Decimal color **5959935** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light muted cyan. A complement of this color would be **16738650**, and the grayscale version is **12961221**.

A 20% lighter version of the original color is **10354687**, and **47046** is the 20% darker color. If you saturate the color by 10%, you get **4321023**, and if you desaturate by 10%, it is **7664383**.

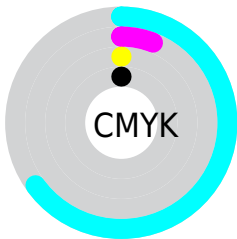
Distribution



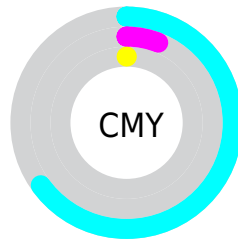
- Red (35%)
- Green (94%)
- Blue (100%)



- Red (35%)
- Yellow (66%)
- Blue (100%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5959935 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 5959935 by changing the saturation by 10% instead.

 5959935

 5959935

16777215

 3199970

 10354687

 47046

 12386303

 40107

 14483455

 33424

 16515071

 26743

 20318

 14406

 9264

 284

■ 5959935

■ 5959935

■ 4321023

■ 7664383

■ 2616319

■ 9303551

■ 977407

■ 11007999

■ 59647

■ 12646911

■ 14351615

■ 15990527

16777215

Harmonies

Analogous

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



7926233



5959935



7334911

Triad

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



5959935



16762879



16308624

Complementary

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



5959935



16738650

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.



16764061



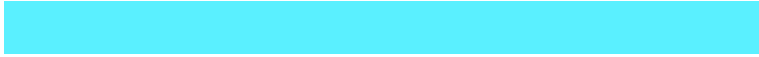
5959935



16761056

Square

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



5959935



14668799



16761530



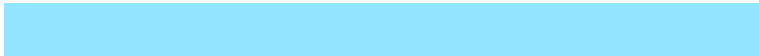
13690265

Rectangle

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



5959935



9626879



16761530



16766354

Sweetspot

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



5959935



13630463



5963624



6454656



0



8421504

Same Dimension

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



5959935



3730943



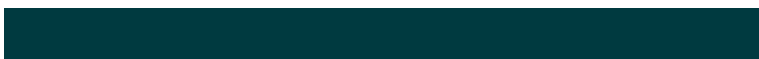
5939199



7569024



44735



14912

Inverse Universe

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



16734960



16726253



16759386



8418174



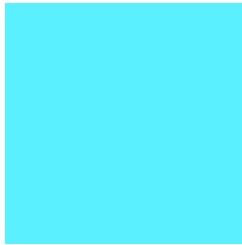
12517550



4194362

Previews

White Background



This preview shows how the Decimal color 5959935 looks on a white background.

Color Contrast Check

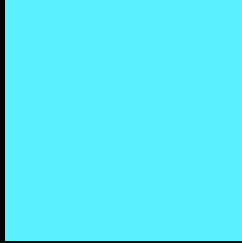
Large Text (above 18pt) WCAG AA × Fail

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 5959935 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 ✓ Pass

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

Decimal 5959935 Background



This preview shows how black text looks on a background with the Decimal color 5959935.



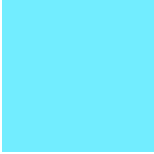
This preview shows how white text looks on a background with the Decimal color 5959935.

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



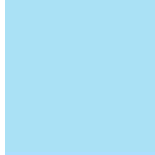


Tritanopia
7532031

Trichromacy



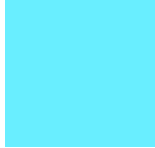
Original Color
5959935



Protanomaly
11198965



Deuteranomaly
11329535

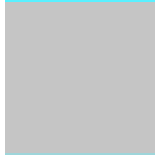


Tritanomaly
6942463

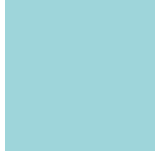
Monochromacy



Original Color
5959935



Achromatopsia
12961221



Achromatomaly
10409434

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5959935 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 #5AF0FF looks like.

```
.text, #text, p{  
    color:#5AF0FF  
}
```

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 #5AF0FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AF0FF
}
```

Border

The CSS property to change the border of an element to Decimal 5959935 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
#5AF0FF }
```

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

```
.border{ border-color:#5AF0FF }
```

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

Here you see how a box with a 4 pixel #5AF0FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AF0FF; -webkit-box-shadow:4px 4px  
4px 4px #5AF0FF; box-shadow:4px 4px 4px  
4px #5AF0FF }
```

Background

The CSS property to change the background color of an element to Decimal 5959935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AF0FF }
```

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

```
.background{ background-color:#5AF0FF }
```

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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