

Converting Colors

Hex(58DFEE)

Have a look what the booklet for
Hex(58DFEE) contains.

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Color

Hex(58DFEE)

Conversions

Conversions Part 1

Format	Color
Hex	58DFEE
RGB	88, 223, 238
RGB Percent	35%, 87%, 93%
CMY	0.6549, 0.1255, 0.0667
CMYK	0.63, 0.06, 0.00, 0.07
HSL	186°, 82%, 64%
HSV	186°, 63%, 93%
XYZ	45.8448, 61.0231, 90.2513
YIQ	184.3450, -85.2750, -23.9550

Conversions

Conversions Part 2

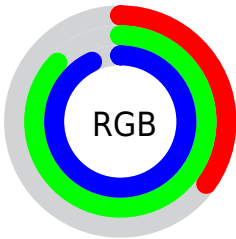
Format	Color
R_{YB}	88, 159, 238
Decimal	5824494
CIE _{Lab}	82.39, -31.98, -18.23
CIE _{LCh}	82, 36.811, 209.688
Yxy	61.0231, 0.2326, 0.3096
Android (android.graphics.Color)	4284014574 (0xFF58DFEE)
YUV	184.3450, 26.4519, -84.4946
Hunter-Lab	78.1173, -31.9487, -13.8174

Details

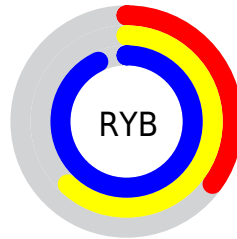
The Hex color **58DFEE** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **EE6758**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **99FFFF**, and **00A7B6** is the 20% darker color. If you saturate the color by 10%, you get **40DDEE**, and if you desaturate by 10%, it is **70E1EE**.

Distribution



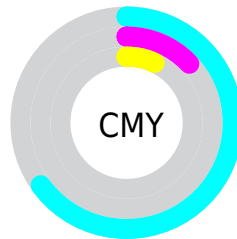
- Red (35%)
- Green (87%)
- Blue (93%)



- Red (35%)
- Yellow (62%)
- Blue (93%)



- Cyan (63%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (65%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 58DFEE 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 Hex color 58DFEE by changing the saturation by 10% instead.

 58DFEE

 58DFEE

FFFFFF

 31C3D2

 99FFFF

 00A7B6

 B7FFFF

 008D9B

 D6FFFF

 007381

 F5FFFF

 005A68

 004250

 002B39

 001124

 00000C

 58DFEE


 58DFEE

 40DDEE

 70E1EE

 28DAEE

 88E4EE

 11D8EE

 9FE6EE

 00D6EE

 B7E9EE

 CFEBEE

 E7EDEE

 FFF0EE

 FFF2EE

 FFF4EE

Harmonies

Analogous

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



70E0CB



58DFEE



6CDAFF

Triad

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



58DFEE



F9B9F0



E5CB88

Complementary

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



58DFEE



EE6758

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.



FFBF92



58DFEE



FFB3CF

Square

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



58DFEE



D1C4FF



FFB6AC



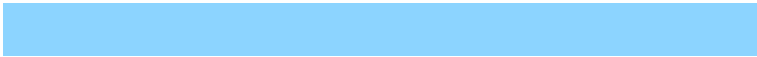
C1D590

Rectangle

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



58DFEE



8CD4FF



FFB6AC



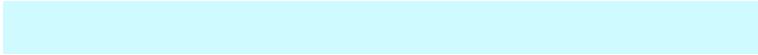
F0C789

Sweetspot

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



58DFEE



CFFAFF



58EE67



627D80



000000



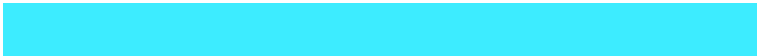
808080

Same Dimension

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



58DFEE



3DECFE



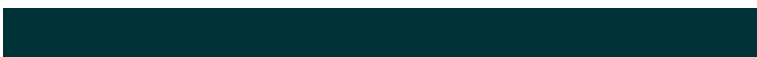
5894EE



6C7778



00A5B8



003238

Inverse Universe

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



EE58DF



FF3DEC



EEB258



786C77



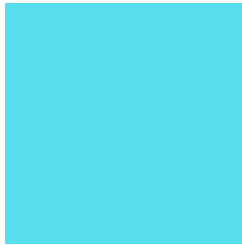
B800A5



380032

Previews

White Background



This preview shows how the Hex color 58DFEE looks on a white background.

Color Contrast Check

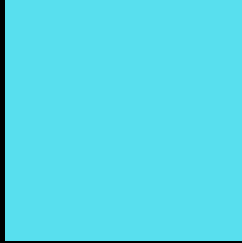
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 58DFEE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

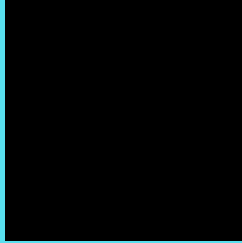
Any Text WCAG AA ✓ Pass

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](#).

Hex 58DFEE Background



This preview shows how black text looks on a background with the Hex color 58DFEE.

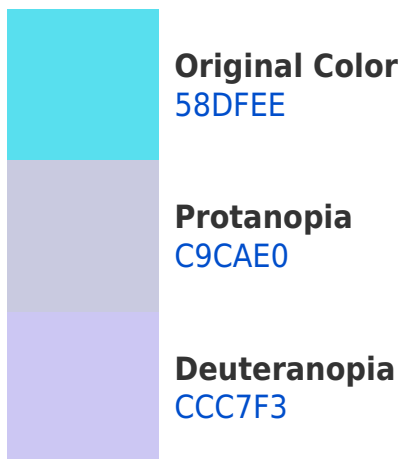


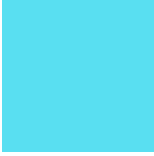
This preview shows how white text looks on a background with the Hex color 58DFEE.

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



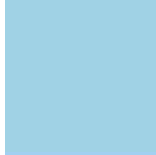


Tritanopia
59DFF1

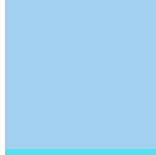
Trichromacy



Original Color
58DFEE



Protanomaly
A0D2E5



Deuteranomaly
A2D0F1

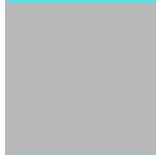


Tritanomaly
59DFF0

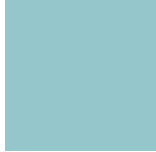
Monochromacy



Original Color
58DFEE



Achromatopsia
B8B8B8



Achromatomaly
95C6CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 58DFEE 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 #58DFEE looks like.

```
.text, #text, p{  
    color:#58DFEE  
}
```

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 #58DFEE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58DFEE
}
```

Border

The CSS property to change the border of an element to Hex 58DFEE 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
#58DFEE }
```

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

```
.border{ border-color:#58DFEE }
```

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

Here you see how a box with a 4 pixel #58DFEE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58DFEE; -webkit-box-shadow:4px 4px  
4px 4px #58DFEE; box-shadow:4px 4px 4px  
4px #58DFEE }
```

Background

The CSS property to change the background color of an element to Hex 58DFEE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58DFEE }
```

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

```
.background{ background-color:#58DFEE }
```

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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