

Converting Colors

Hex(18DCF5)

Have a look what the booklet for
Hex(18DCF5) contains.

Hex(18DCF5)	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

Hex(18DCF5)

Conversions

Conversions Part 1

Format	Color
Hex	18DCF5
RGB	24, 220, 245
RGB Percent	9%, 86%, 96%
CMY	0.9059, 0.1373, 0.0392
CMYK	0.90, 0.10, 0.00, 0.04
HSL	187°, 92%, 53%
HSV	187°, 90%, 96%
XYZ	42.4513, 57.9732, 95.3387
YIQ	164.2460, -124.8410, -33.7770

Conversions

Conversions Part 2

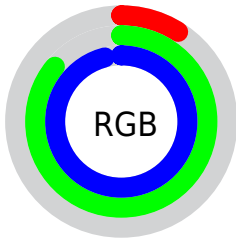
Format	Color
RYP	24, 128, 245
Decimal	1629429
CIELab	80.72, -34.72, -24.57
CIElCh	81, 42.532, 215.291
Yxy	57.9732, 0.2169, 0.2961
Android (android.graphics.Color)	4279819509 (0xFF18DCF5)
YUV	164.2460, 39.8117, -122.9957
Hunter-Lab	76.1401, -33.7239, -20.9418

Details

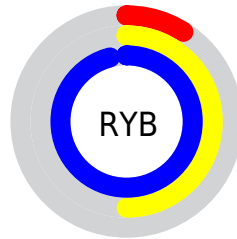
The Hex color **18DCF5** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **F53118**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **77FFFF**, and **00A4BD** is the 20% darker color. If you saturate the color by 10%, you get **00D9F5**, and if you desaturate by 10%, it is **30DFF5**.

Distribution



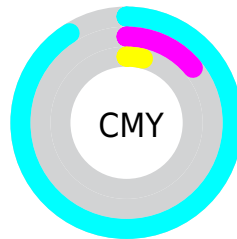
- Red (9%)
- Green (86%)
- Blue (96%)



- Red (9%)
- Yellow (50%)
- Blue (96%)



- Cyan (90%)
- Magenta (10%)
- Yellow (0%)
- Black (4%)



- Cyan (91%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18DCF5 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 18DCF5 by changing the saturation by 10% instead.

 18DCF5

 18DCF5

FFFFFF

 00C0D9

 77FFFF

 00A4BD

 99FFFF

 008AA2

 BAAAAF

 007087

 DAAAAF

 00576E

 FAAAAF

 003F56

 00293E

 000829

 000113

 18DCF5

 18DCF5

 00D9F5

 30DFF5

 49E2F5

 61E4F5

 7AE7F5

 92EAF5

 ABEDF5

 C3EFF5

 DCF2F5

 F4F5F5

Harmonies

Analogous

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



49DECE



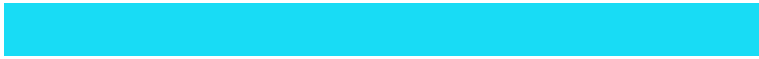
18DCF5



53D5FF

Triad

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



18DCF5



FFAFE4



DCC878

Complementary

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



18DCF5



F53118

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.



FE8B81



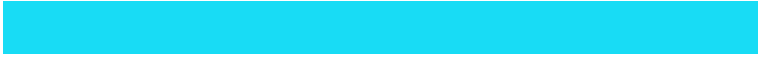
18DCF5



FFA9C3

Square

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



18DCF5



D6BBFF



FFAE9C



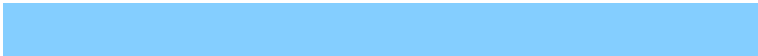
B1D486

Rectangle

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



18DCF5



84CEFF



FFAE9C



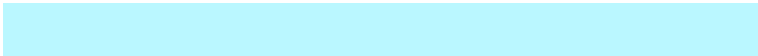
E8C479

Sweetspot

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



18DCF5



BAF7FF



18F52E



577B80



000000



808080

Same Dimension

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



18DCF5



00E2FF



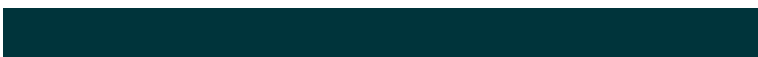
1870F5



6E797A



00A5BA



00343B

Inverse Universe

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



F518DC



FF00E2



F59D18



7A6E79



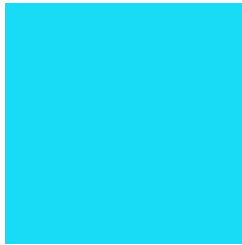
BA00A5



3B0034

Previews

White Background



This preview shows how the Hex color 18DCF5 looks on a white background.

Color Contrast Check

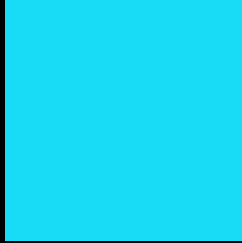
Large Text (above 18pt) WCAG AA × Fail

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 18DCF5 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 18DCF5 Background



This preview shows how black text looks on a background with the Hex color 18DCF5.

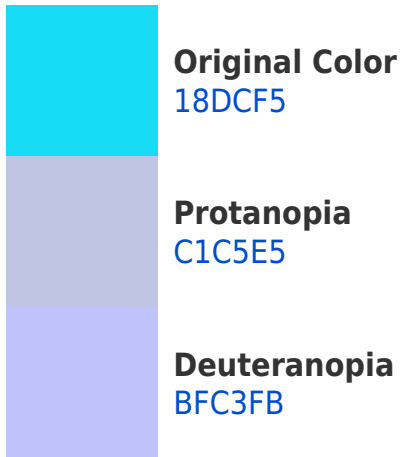


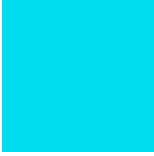
This preview shows how white text looks on a background with the Hex color 18DCF5.

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
00DDEF

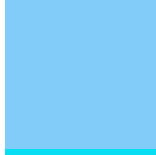
Trichromacy



Original Color
18DCF5



Protanomaly
84CDEB



Deuteranomaly
82CCF9

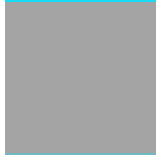


Tritanomaly
09DDF1

Monochromacy



Original Color
18DCF5



Achromatopsia
A4A4A4



Achromatomaly
71B8C1

CSS Examples

Text

The CSS property to change the color of the text to Hex 18DCF5 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 #18DCF5 looks like.

```
.text, #text, p{  
    color:#18DCF5  
}
```

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 #18DCF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18DCF5  
}
```

Border

The CSS property to change the border of an element to Hex 18DCF5 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  
#18DCF5 }
```

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

```
.border{ border-color:#18DCF5 }
```

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

Here you see how a box with a 4 pixel #18DCF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18DCF5; -webkit-box-shadow:4px 4px  
4px 4px #18DCF5; box-shadow:4px 4px 4px  
4px #18DCF5 }
```

Background

The CSS property to change the background color of an element to Hex 18DCF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18DCF5 }
```

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

```
.background{ background-color:#18DCF5 }
```

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