

Converting Colors

Hex(62DFEC)

Have a look what the booklet for
Hex(62DFEC) contains.

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Color

Hex(62DFEC)

Conversions

Conversions Part 1

Format	Color
Hex	62DFEC
RGB	98, 223, 236
RGB Percent	38%, 87%, 93%
CMY	0.6157, 0.1255, 0.0745
CMYK	0.58, 0.06, 0.00, 0.07
HSL	186°, 78%, 65%
HSV	186°, 58%, 93%
XYZ	46.5650, 61.4282, 88.7595
YIQ	187.1070, -78.6730, -22.4570

Conversions

Conversions Part 2

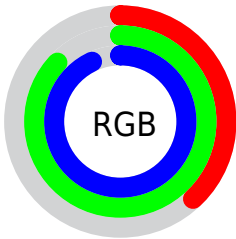
Format	Color
RYB	98, 164, 236
Decimal	6479852
CIELab	82.61, -30.87, -16.82
CIELCh	83, 35.155, 208.578
Yxy	61.4282, 0.2367, 0.3122
Android (android.graphics.Color)	4284669932 (0xFF62DFEC)
YUV	187.1070, 24.1042, -78.1468
Hunter-Lab	78.3761, -31.1074, -12.2815

Details

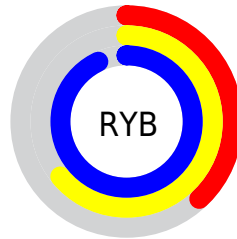
The Hex color **62DFEC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC6F62**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A0FFFF**, and **04A7B4** is the 20% darker color. If you saturate the color by 10%, you get **4ADDEC**, and if you desaturate by 10%, it is **7AE1EC**.

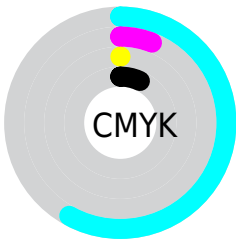
Distribution



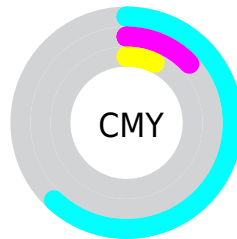
- Red (38%)
- Green (87%)
- Blue (93%)



- Red (38%)
- Yellow (64%)
- Blue (93%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (13%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62DFEC 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 62DFEC by changing the saturation by 10% instead.

 62DFEC

 62DFEC

FFFFFF

 3FC3D0

 A0FFFF

 04A7B4

 BFFFFFF

 008D99

 DDFFFF

 00737F

 FCFFFF

 005A66

 00424E

 002B38

 001222

 00000A

■ 62DFEC

■ 62DFEC

■ 4ADDEC

■ 7AE1EC

■ 33DBEC

■ 91E3EC

■ 1BD8EC

■ A9E6EC

■ 04D6EC

■ C0E8EC

■ 00D6EC

■ D8EAEC

■ F0ECEC

■ FFEFEC

■ FFF1EC

■ FFF3EC

Harmonies

Analogous

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



78E0CB



62DFEC



73DAFF

Triad

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



62DFEC



F6BBF1



E6CB8C

Complementary

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



62DFEC



EC6F62

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.



FFC096



62DFEC



FFB5D0

Square

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



62DFEC



D0C6FF



FFB7B0



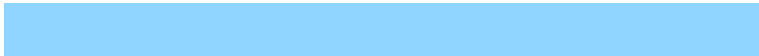
C4D593

Rectangle

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



62DFEC



8FD5FF



FFB7B0



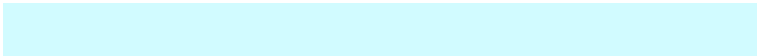
F0C78D

Sweetspot

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



62DFEC



D1FBFF



62EC6D



637D80



000000



808080

Same Dimension

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



62DFEC



4DEEFF



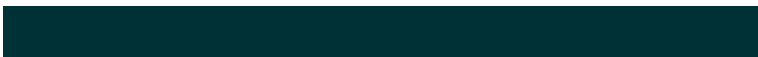
629CEC



6A7475



00A4B5



003136

Inverse Universe

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



EC62DF



FF4DEE



ECB362



756A74



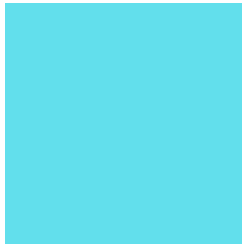
B500A4



360031

Previews

White Background



This preview shows how the Hex color 62DFEC looks on a white background.

Color Contrast Check

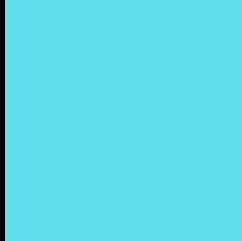
Large Text (above 18pt) WCAG AA × Fail

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 62DFEC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

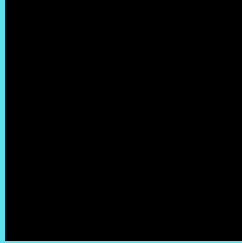
Any Text WCAG AA ✓ Pass

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 62DFEC Background



This preview shows how black text looks on a background with the Hex color 62DFEC.

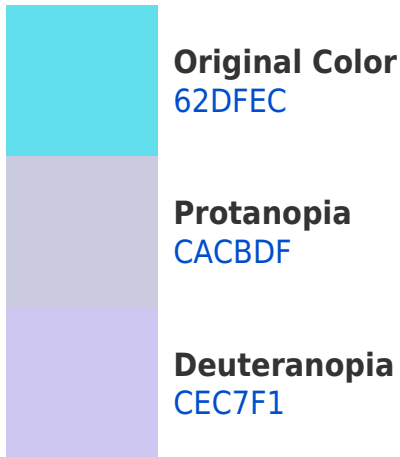


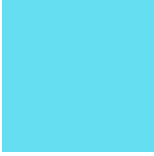
This preview shows how white text looks on a background with the Hex color 62DFEC.

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



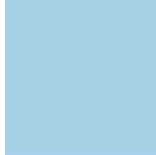


Tritanopia
64DEF0

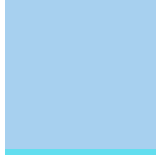
Trichromacy



Original Color
62DFEC



Protanomaly
A4D2E4



Deuteranomaly
A7D0EF

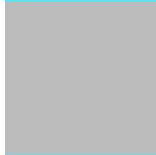


Tritanomaly
63DEEF

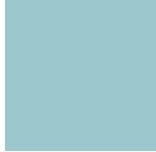
Monochromacy



Original Color
62DFEC



Achromatopsia
BBBBBB



Achromatomaly
9BC8CD

CSS Examples

Text

The CSS property to change the color of the text to Hex 62DFEC 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 #62DFEC looks like.

```
.text, #text, p{  
    color:#62DFEC  
}
```

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 #62DFEC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62DFEC
}
```

Border

The CSS property to change the border of an element to Hex 62DFEC 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
#62DFEC }
```

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

```
.border{ border-color:#62DFEC }
```

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

Here you see how a box with a 4 pixel #62DFEC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62DFEC; -webkit-box-shadow:4px 4px  
4px 4px #62DFEC; box-shadow:4px 4px 4px  
4px #62DFEC }
```

Background

The CSS property to change the background color of an element to Hex 62DFEC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62DFEC }
```

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

```
.background{ background-color:#62DFEC }
```

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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