

Converting Colors

Hex(62EDCA)

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

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Color

Hex(62EDCA)

Conversions

Conversions Part 1

Format	Color
Hex	62EDCA
RGB	98, 237, 202
RGB Percent	38%, 93%, 79%
CMY	0.6157, 0.0706, 0.2078
CMYK	0.59, 0.00, 0.15, 0.07
HSL	165°, 79%, 66%
HSV	165°, 59%, 93%
XYZ	45.9819, 67.4293, 66.4688
YIQ	191.4490, -71.6090, -40.3530

Conversions

Conversions Part 2

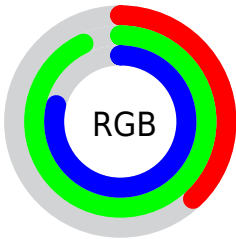
Format	Color
RYB	98, 178, 237
Decimal	6483402
CIELab	85.72, -45.94, 5.72
CIELCh	86, 46.292, 172.904
Yxy	67.4293, 0.2556, 0.3749
Android (android.graphics.Color)	4284673482 (0xFF62EDCA)
YUV	191.4490, 5.2016, -81.9548
Hunter-Lab	82.1154, -43.7478, 9.4881

Details

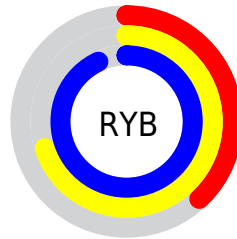
The Hex color **62EDCA** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **ED6285**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A0FFFF**, and **0AB494** is the 20% darker color. If you saturate the color by 10%, you get **4AEDC4**, and if you desaturate by 10%, it is **7AEDD0**.

Distribution



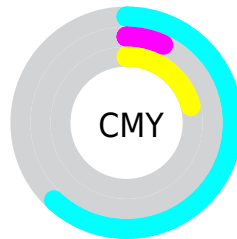
- Red (38%)
- Green (93%)
- Blue (79%)



- Red (38%)
- Yellow (70%)
- Blue (93%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (7%)



- Cyan (62%)
- Magenta (7%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 62EDCA

 62EDCA

FFFFFF

 40D0AF

 A0FFFF

 0AB494

 BEFFFF

 00997A

 DCFFFF

 007E61

 FBFFFF

 00644A

 004B33

 00341E

 001D06

 000000

 62EDCA

 62EDCA

 4AEDC4

 7AEDD0

 33EDBE

 91EDD6

 1BEDB8

 A9EDDC

 03EDB2

 C1EDE2

 00EDB1

 D8EDE8

 F0EDEE

 FFEDF4

 FFEDFA

 FFEDFF

Harmonies

Analogous

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



9EE8A0



62EDCA



02EDF7

Triad

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



62EDCA



CCCFF



FFC192

Complementary

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



62EDCA



ED6285

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.



FFB6B6



62EDCA



FFBFFF

Square

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



62EDCA



82DEFF



FFB5E3



FCD07F

Rectangle

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



62EDCA



00EBFF



FFB5E3



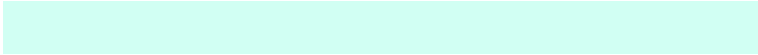
FFBC9D

Sweetspot

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



62EDCA



D1FFF3



87ED62



638078



000000



808080

Same Dimension

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



62EDCA



4DFFD2



62CDED



6A7572



00B587



003628

Inverse Universe

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



ED6285



FF4D79



ED8262



756A6D



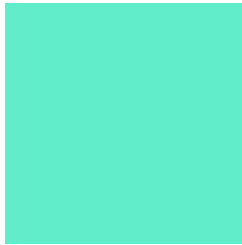
B5002E



36000D

Previews

White Background



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

Color Contrast Check

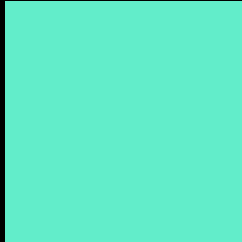
Large Text (above 18pt) WCAG AA × Fail

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 62EDCA 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 62EDCA Background



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

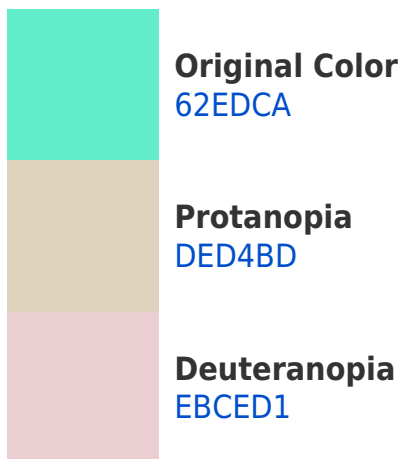


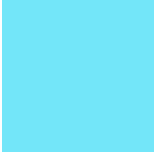
This preview shows how white text looks on a background with the Hex color 62EDCA.

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
73E6F9

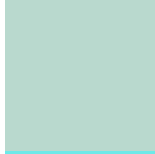
Trichromacy



Original Color
62EDCA



Protanomaly
B1DDC2



Deuteranomaly
B9D9CE

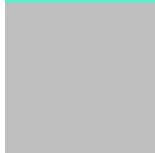


Tritanomaly
6DE9E8

Monochromacy



Original Color
62EDCA



Achromatopsia
BFBFBF



Achromatomaly
9DD0C3

CSS Examples

Text

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

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

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 #62EDCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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