

Converting Colors

Hex(62D7EC)

Have a look what the booklet for
Hex(62D7EC) contains.

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Color

Hex(62D7EC)

Conversions

Conversions Part 1

Format	Color
Hex	62D7EC
RGB	98, 215, 236
RGB Percent	38%, 84%, 93%
CMY	0.6157, 0.1569, 0.0745
CMYK	0.58, 0.09, 0.00, 0.07
HSL	189°, 78%, 65%
HSV	189°, 58%, 93%
XYZ	44.4778, 57.2537, 88.0637
YIQ	182.4110, -76.4730, -18.2730

Conversions

Conversions Part 2

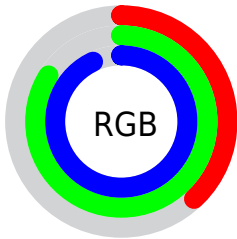
Format	Color
R_{YB}	98, 161, 236
Decimal	6477804
CIE _{Lab}	80.32, -27.00, -20.27
CIE _{LCh}	80, 33.759, 216.899
Yxy	57.2537, 0.2343, 0.3017
Android (android.graphics.Color)	4284667884 (0xFF62D7EC)
YUV	182.4110, 26.4194, -74.0284
Hunter-Lab	75.6662, -27.4907, -16.0381

Details

The Hex color **62D7EC** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **EC7762**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **A0FFFF**, and **0AA0B4** is the 20% darker color. If you saturate the color by 10%, you get **4AD3EC**, and if you desaturate by 10%, it is **7ADBEC**.

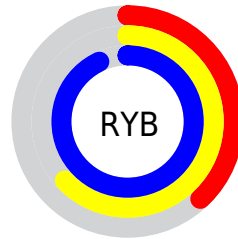
Distribution



Red (38%)

Green (84%)

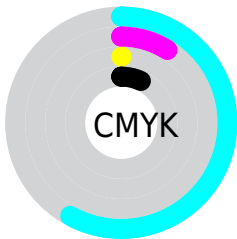
Blue (93%)



Red (38%)

Yellow (63%)

Blue (93%)

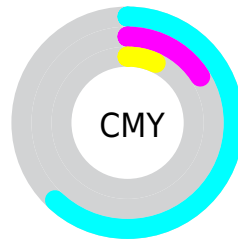


Cyan (58%)

Magenta (9%)

Yellow (0%)

Black (7%)



Cyan (62%)

Magenta (16%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D7EC 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 62D7EC by changing the saturation by 10% instead.

 62D7EC

 62D7EC

FFFFFF

 40BBD0

 A0FFFF

 0AA0B4

 BEFFFF

 008699

 DCFFFF

 006C7F

 FBFFFF

 005366

 003C4E

 002637

 000422

 000009

 62D7EC

 62D7EC

 4AD3EC

 7ADBEC

 33D0EC

 91DEEC

 1BCCEC

 A9E2EC

 04C9EC

 C0E5EC

 00C8EC

 D8E9EC

 F0EDEC

 FFF0EC

 FFF4EC

 FFF7EC

Harmonies

Analogous

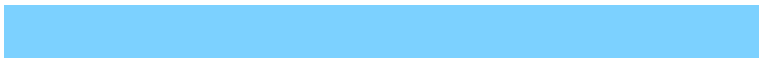
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6ED9CE



62D7EC



7CD1FF

Triad

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



62D7EC



F6B3E1



D6C888

Complementary

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



62D7EC



EC7762

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.



F2BD8E



62D7EC



FFB0C1

Square

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



62D7EC



D5BDFA



FFB4A3



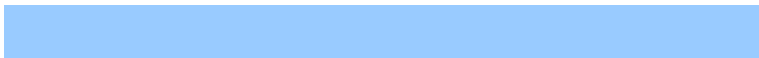
B4D194

Rectangle

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



62D7EC



99CBFF



FFB4A3



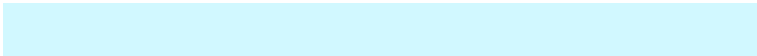
E1C488

Sweetspot

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



62D7EC



D1F8FF



62EC77



637B80



000000



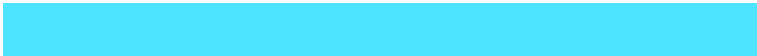
808080

Same Dimension

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



62D7EC



4DE4FF



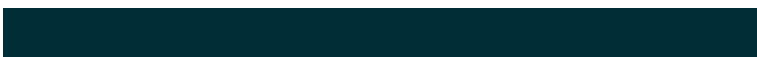
6292EC



6A7475



0099B5



002D36

Inverse Universe

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



EC62D7



FF4DE4



ECBC62



756A74



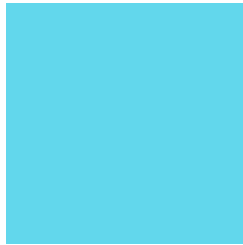
B50099



36002D

Previews

White Background



This preview shows how the Hex color 62D7EC looks on a white background.

Color Contrast Check

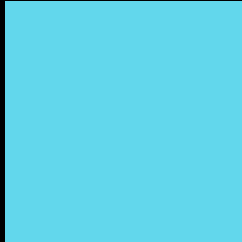
Large Text (above 18pt) WCAG AA × Fail

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 62D7EC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

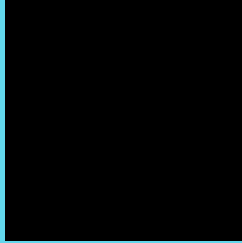
Any Text WCAG AA ✓ Pass

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 62D7EC Background



This preview shows how black text looks on a background with the Hex color 62D7EC.

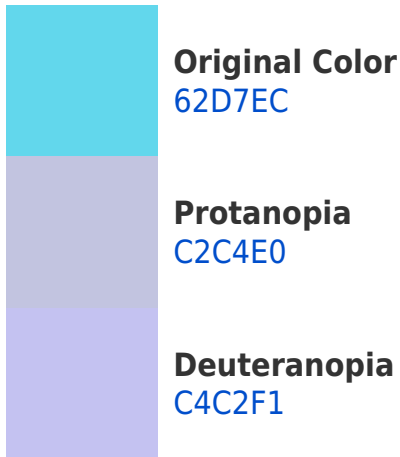


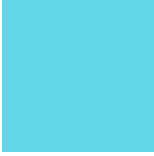
This preview shows how white text looks on a background with the Hex color 62D7EC.

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](#).

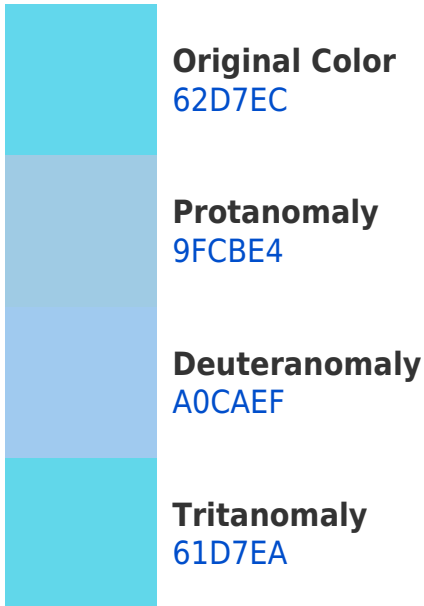
Dichromacy





Tritanopia
61D7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62D7EC 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 #62D7EC looks like.

```
.text, #text, p{  
    color:#62D7EC  
}
```

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 #62D7EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D7EC
}
```

Border

The CSS property to change the border of an element to Hex 62D7EC 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
#62D7EC }
```

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

```
.border{ border-color:#62D7EC }
```

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

Here you see how a box with a 4 pixel #62D7EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D7EC; -webkit-box-shadow:4px 4px  
4px 4px #62D7EC; box-shadow:4px 4px 4px  
4px #62D7EC }
```

Background

The CSS property to change the background color of an element to Hex 62D7EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D7EC }
```

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

```
.background{ background-color:#62D7EC }
```

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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