

Converting Colors

Hex(62D6C7)

Have a look what the booklet for
Hex(62D6C7) contains.

Hex(62D6C7)	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(62D6C7)

Conversions

Conversions Part 1

Format	Color
Hex	62D6C7
RGB	98, 214, 199
RGB Percent	38%, 84%, 78%
CMY	0.6157, 0.1608, 0.2196
CMYK	0.54, 0.00, 0.07, 0.16
HSL	172°, 59%, 61%
HSV	172°, 54%, 84%
XYZ	39.3924, 54.8133, 62.5367
YIQ	177.6060, -64.3210, -29.2570

Conversions

Conversions Part 2

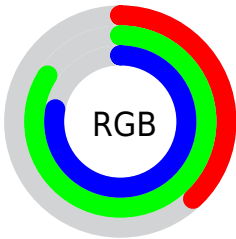
Format	Color
RYB	98, 160, 214
Decimal	6477511
CIELab	78.93, -36.41, -2.57
CIElCh	79, 36.500, 184.036
Yxy	54.8133, 0.2513, 0.3497
Android (android.graphics.Color)	4284667591 (0xFF62D6C7)
YUV	177.6060, 10.5472, -69.8145
Hunter-Lab	74.0360, -34.5885, 1.7442

Details

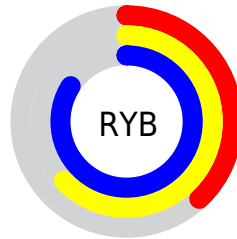
The Hex color **62D6C7** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D66271**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **9DFFFF**, and **1A9F91** is the 20% darker color. If you saturate the color by 10%, you get **4DD6C4**, and if you desaturate by 10%, it is **77D6CA**.

Distribution



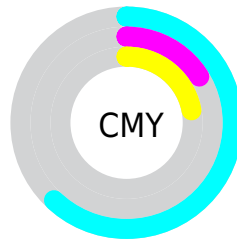
- Red (38%)
- Green (84%)
- Blue (78%)



- Red (38%)
- Yellow (63%)
- Blue (84%)



- Cyan (54%)
- Magenta (0%)
- Yellow (7%)
- Black (16%)



- Cyan (62%)
- Magenta (16%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D6C7 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 62D6C7 by changing the saturation by 10% instead.

 62D6C7

 62D6C7

FFFFFF

 42BAAC

 9DFFFF

 1A9F91

 BBFFFF

 008478

 D9FFFF

 006A5F

 F7FFFF

 005147

 003A31

 00251C

 000002

 000000

 62D6C7

 62D6C7

 4DD6C4

 77D6CA

 37D6C1

 8DD6CD

 22D6BF

 A2D6CF

 0CD6BC

 B8D6D2

 00D6BA

 CDD6D5

 E2D6D8

 F8D6DA

 FFD6DD

 FFD6E0

Harmonies

Analogous

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



8AD3A5



62D6C7



4DD5E8

Triad

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



62D6C7



CEB9FC



F3B787

Complementary

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



62D6C7



D66271

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.



FFAD9F



62D6C7



F2AEE2

Square

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



62D6C7



9CC5FF



FFAAC0



D6C37F

Rectangle

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



62D6C7



5BD1F9



FFAAC0



FBB38E

Sweetspot

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



62D6C7



D6FFFA



71D662



67807C



000000



808080

Same Dimension

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



62D6C7



59FFEA



62ABD6



606B6A



00AB95



002B26

Inverse Universe

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



D66271



FF596F



D68D62



6B6062



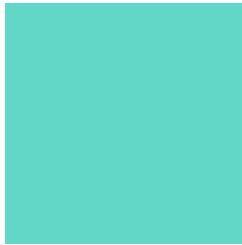
AB0016



2B0006

Previews

White Background



This preview shows how the Hex color 62D6C7 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 62D6C7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

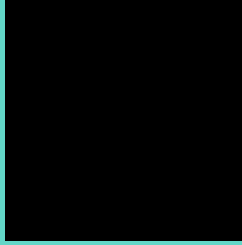
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

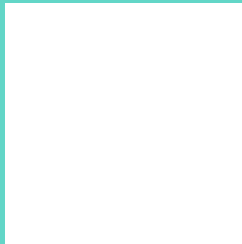
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 62D6C7 Background



This preview shows how black text looks on a background with the Hex color 62D6C7.

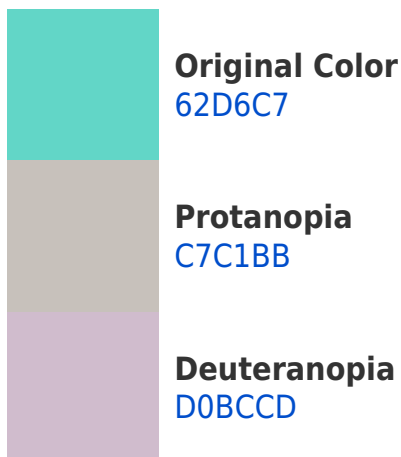


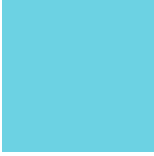
This preview shows how white text looks on a background with the Hex color 62D6C7.

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
6CD2E3

Trichromacy



Original Color
62D6C7



Protanomaly
A2C9BF



Deuteranomaly
A8C5CB

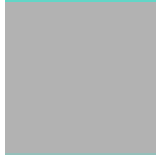


Tritanomaly
68D3D9

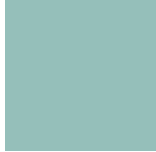
Monochromacy



Original Color
62D6C7



Achromatopsia
B2B2B2



Achromatomaly
95BFBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D6C7 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 #62D6C7 looks like.

```
.text, #text, p{  
    color:#62D6C7  
}
```

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 #62D6C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D6C7
}
```

Border

The CSS property to change the border of an element to Hex 62D6C7 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
#62D6C7 }
```

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

```
.border{ border-color:#62D6C7 }
```

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

Here you see how a box with a 4 pixel #62D6C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D6C7; -webkit-box-shadow:4px 4px  
4px 4px #62D6C7; box-shadow:4px 4px 4px  
4px #62D6C7 }
```

Background

The CSS property to change the background color of an element to Hex 62D6C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D6C7 }
```

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

```
.background{ background-color:#62D6C7 }
```

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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