

Converting Colors

Hex(62D2D7)

Have a look what the booklet for
Hex(62D2D7) contains.

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Color

Hex(62D2D7)

Conversions

Conversions Part 1

Format	Color
Hex	62D2D7
RGB	98, 210, 215
RGB Percent	38%, 82%, 84%
CMY	0.6157, 0.1765, 0.1569
CMYK	0.54, 0.02, 0.00, 0.16
HSL	183°, 59%, 61%
HSV	183°, 54%, 84%
XYZ	40.3493, 53.5962, 72.5084
YIQ	177.0820, -68.3570, -22.1890

Conversions

Conversions Part 2

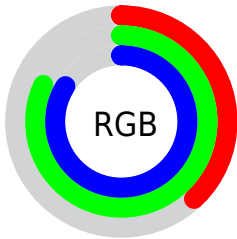
Format	Color
RYB	98, 155, 215
Decimal	6476503
CIELab	78.23, -30.36, -12.19
CIELCh	78, 32.720, 201.880
Yxy	53.5962, 0.2424, 0.3220
Android (android.graphics.Color)	4284666583 (0xFF62D2D7)
YUV	177.0820, 18.6936, -69.3549
Hunter-Lab	73.2094, -29.7362, -7.4757

Details

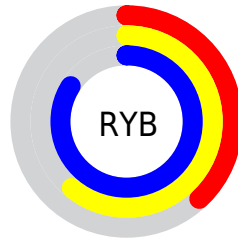
The Hex color **62D2D7** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D76762**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **9EFFFF**, and **179BA0** is the 20% darker color. If you saturate the color by 10%, you get **4DD1D7**, and if you desaturate by 10%, it is **78D3D7**.

Distribution



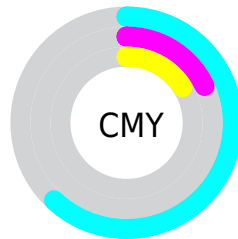
- Red (38%)
- Green (82%)
- Blue (84%)



- Red (38%)
- Yellow (61%)
- Blue (84%)



- Cyan (54%)
- Magenta (2%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D2D7 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 62D2D7 by changing the saturation by 10% instead.

 62D2D7

 62D2D7

FFFFFF

 42B6BB

 9EFFFF

 179BA0

 BCFFFF

 008186

 D9FFFF

 00676D

 F8FFFF

 004F55

 00373D

 002328

 000113

 000000

 62D2D7

 62D2D7

 4DD1D7

 78D3D7

 37D0D7

 8DD4D7

 22CFD7

 A3D5D7

 0CCED7

 B8D6D7

 00CED7

 CED7D7

 E3D8D7

 F9D8D7

 FFD9D7

 FFDAD7

Harmonies

Analogous

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



7AD2B8



62D2D7



69CEFO

Triad

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



62D2D7



E0B2E7



DFBD86

Complementary

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



62D2D7



D76762

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.



F5B393



62D2D7



F8ACCB

Square

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



62D2D7



BABDFA



FEACAC



C0C788

Rectangle

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



62D2D7



7FCAFA



FEACAC



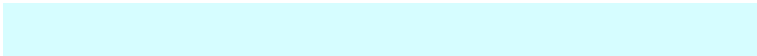
E7B988

Sweetspot

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



62D2D7



D6FDFD



62D766



677E80



000000



808080

Same Dimension

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



62D2D7



59F8FF



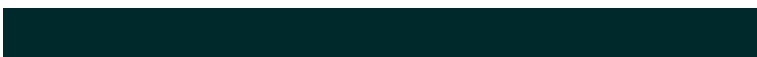
6299D7



606B6B



00A4AB



00292B

Inverse Universe

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



D762D2



FF59F8



D7A062



6B606B



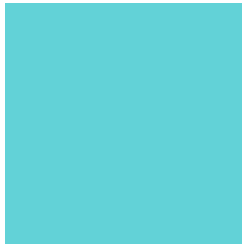
AB00A4



2B0029

Previews

White Background



This preview shows how the Hex color 62D2D7 looks on a white background.

Color Contrast Check

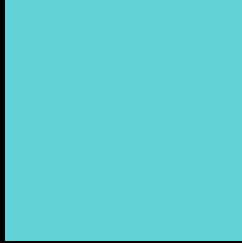
Large Text (above 18pt) WCAG AA × Fail

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 62D2D7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

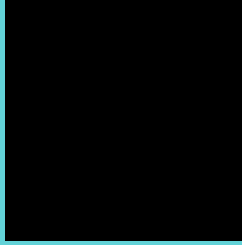
Any Text WCAG AA ✓ Pass

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 62D2D7 Background



This preview shows how black text looks on a background with the Hex color 62D2D7.

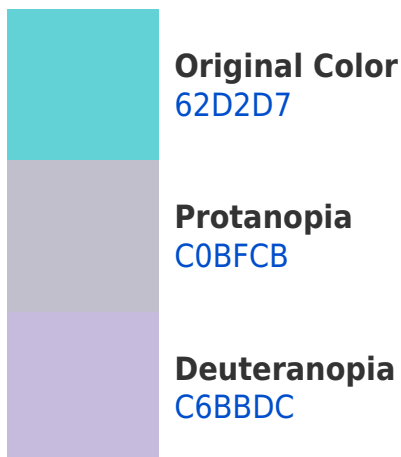


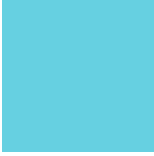
This preview shows how white text looks on a background with the Hex color 62D2D7.

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
66D0E1

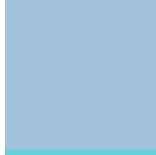
Trichromacy



Original Color
62D2D7



Protanomaly
9EC6CF



Deuteranomaly
A2C3DA

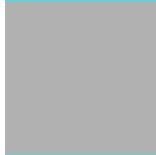


Tritanomaly
65D1DD

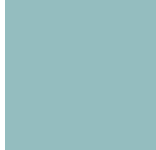
Monochromacy



Original Color
62D2D7



Achromatopsia
B1B1B1



Achromatomaly
94BDBF

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D2D7 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 #62D2D7 looks like.

```
.text, #text, p{  
    color:#62D2D7  
}
```

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 #62D2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D2D7
}
```

Border

The CSS property to change the border of an element to Hex 62D2D7 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
#62D2D7 }
```

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

```
.border{ border-color:#62D2D7 }
```

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

Here you see how a box with a 4 pixel #62D2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D2D7; -webkit-box-shadow:4px 4px  
4px 4px #62D2D7; box-shadow:4px 4px 4px  
4px #62D2D7 }
```

Background

The CSS property to change the background color of an element to Hex 62D2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D2D7 }
```

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

```
.background{ background-color:#62D2D7 }
```

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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