

Converting Colors

Hex(62D9C6)

Have a look what the booklet for
Hex(62D9C6) contains.

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Color

Hex(62D9C6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 62D9C6 |
| RGB | 98, 217, 198 |
| RGB Percent | 38%, 85%, 78% |
| CMY | 0.6157, 0.1490, 0.2235 |
| CMYK | 0.55, 0.00, 0.09, 0.15 |
| HSL | 170°, 61%, 62% |
| HSV | 170°, 55%, 85% |
| XYZ | 40.0429, 56.2996, 62.1825 |
| YIQ | 179.2530, -64.8250, -31.1370 |

Conversions

Conversions Part 2

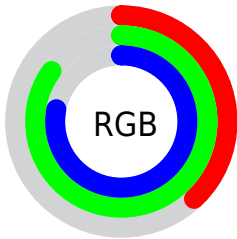
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 98, 163, 217 |
| Decimal | 6478278 |
| CIELab | 79.78, -38.03, -0.79 |
| CIELCh | 80, 38.042, 181.187 |
| Yxy | 56.2996, 0.2526, 0.3551 |
| Android (android.graphics.Color) | 4284668358 (0xFF62D9C6) |
| YUV | 179.2530, 9.2423, -71.2589 |
| Hunter-Lab | 75.0331, -36.0477, 3.3875 |

Details

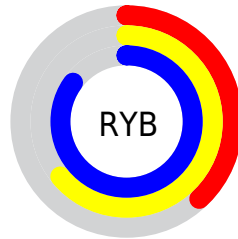
The Hex color **62D9C6** is a light color, and the websafe version is hex **33CCCC**. A complement of this color would be **D96275**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **9EFFFF**, and **19A190** is the 20% darker color. If you saturate the color by 10%, you get **4CD9C3**, and if you desaturate by 10%, it is **78D9C9**.

Distribution



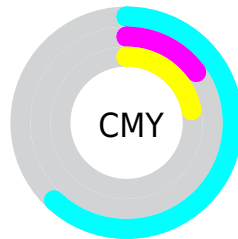
- Red (38%)
- Green (85%)
- Blue (78%)



- Red (38%)
- Yellow (64%)
- Blue (85%)



- Cyan (55%)
- Magenta (0%)
- Yellow (9%)
- Black (15%)



- Cyan (62%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62D9C6 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 62D9C6 by changing the saturation by 10% instead.

 62D9C6

 62D9C6

FFFFFF

 42BDAB

 9EFFFF

 19A190

 BBFFFF

 008777

 D9FFFF

 006D5E

 F7FFFF

 005446

 003C30

 00271B

 000001

 000000

 62D9C6

 62D9C6

 4CD9C3

 78D9C9

 37D9BF

 8DD9CD

 21D9BC

 A3D9D0

 0BD9B8

 B9D9D4

 00D9B6

 CFD9D7

 E4D9DB

 FAD9DE

 FFD9E2

 FFD9E5

Harmonies

Analogous

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



8DD6A2



62D9C6



46D8E9

Triad

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



62D9C6



CCBCFF



FAB889

Complementary

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



62D9C6



D96275

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.



FFAEA3



62D9C6



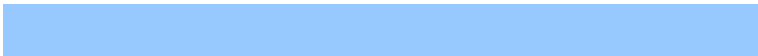
F4B0E9

Square

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



62D9C6



97C9FF



FFABC6



DCC47E

Rectangle

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



62D9C6



52D5FC



FFABC6



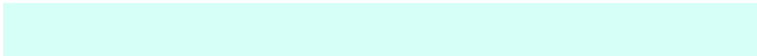
FFB490

Sweetspot

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



62D9C6



D6FFF8



76D962



67807C



000000



808080

Same Dimension

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



62D9C6



57FFE4



62B1D9



636E6C



00AD92



002E27

Inverse Universe

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



D96275



FF5772



D98A62



6E6364



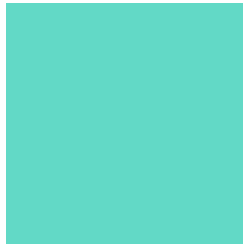
AD001C



2E0007

Previews

White Background



This preview shows how the Hex color 62D9C6 looks on a white background.

Color Contrast Check

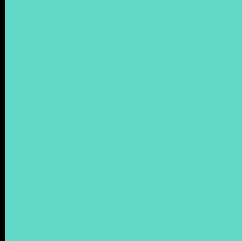
Large Text (above 18pt) WCAG AA × Fail

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 62D9C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

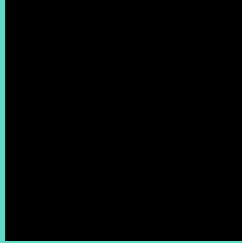
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

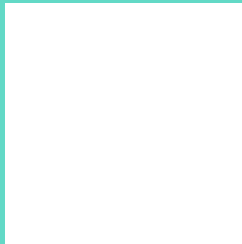
Any Text WCAG AAA ✓ Pass

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

Hex 62D9C6 Background



This preview shows how black text looks on a background with the Hex color 62D9C6.



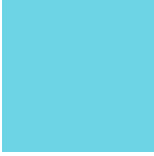
This preview shows how white text looks on a background with the Hex color 62D9C6.

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
6DD4E6

Trichromacy



Original Color
62D9C6



Protanomaly
A4CCBE



Deuteranomaly
ABC8CA

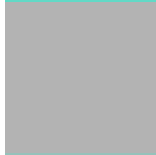


Tritanomaly
69D6DA

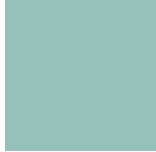
Monochromacy



Original Color
62D9C6



Achromatopsia
B3B3B3



Achromatomaly
96C1BA

CSS Examples

Text

The CSS property to change the color of the text to Hex 62D9C6 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 #62D9C6 looks like.

```
.text, #text, p{  
    color:#62D9C6  
}
```

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 #62D9C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62D9C6
}
```

Border

The CSS property to change the border of an element to Hex 62D9C6 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
#62D9C6 }
```

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

```
.border{ border-color:#62D9C6 }
```

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

Here you see how a box with a 4 pixel #62D9C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62D9C6; -webkit-box-shadow:4px 4px  
4px 4px #62D9C6; box-shadow:4px 4px 4px  
4px #62D9C6 }
```

Background

The CSS property to change the background color of an element to Hex 62D9C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62D9C6 }
```

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

```
.background{ background-color:#62D9C6 }
```

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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