

Converting Colors

Hex(62F3D1)

Have a look what the booklet for
Hex(62F3D1) contains.

Hex(62F3D1)	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(62F3D1)

Conversions

Conversions Part 1

Format	Color
Hex	62F3D1
RGB	98, 243, 209
RGB Percent	38%, 95%, 82%
CMY	0.6157, 0.0471, 0.1804
CMYK	0.60, 0.00, 0.14, 0.05
HSL	166°, 86%, 67%
HSV	166°, 60%, 95%
XYZ	48.5962, 71.3013, 71.5228
YIQ	195.7690, -75.5060, -41.3140

Conversions

Conversions Part 2

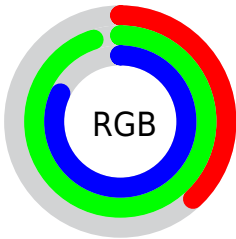
Format	Color
R_{YB}	98, 180, 243
Decimal	6484945
CIE _{Lab}	87.63, -46.87, 4.82
CIE _{LCh}	88, 47.119, 174.132
Yxy	71.3013, 0.2539, 0.3725
Android (android.graphics.Color)	4284675025 (0xFF62F3D1)
YUV	195.7690, 6.5229, -85.7434
Hunter-Lab	84.4401, -45.0414, 8.8880

Details

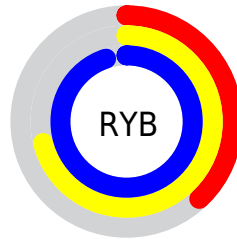
The Hex color **62F3D1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F36284**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **A1FFFF**, and **01BA9B** is the 20% darker color. If you saturate the color by 10%, you get **4AF3CB**, and if you desaturate by 10%, it is **7AF3D7**.

Distribution



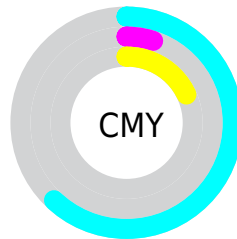
- Red (38%)
- Green (95%)
- Blue (82%)



- Red (38%)
- Yellow (71%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (14%)
- Black (5%)



- Cyan (62%)
- Magenta (5%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62F3D1 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 62F3D1 by changing the saturation by 10% instead.

 62F3D1

 62F3D1

FFFFFF

 3FD6B5

 A1FFFF

 01BA9B

 BFFFFFF

 009E81

 DEFFFF

 008468

 FCFFFF

 006A50

 005039

 003823

 00220E

 000000

 62F3D1

 62F3D1

 4AF3CB

 7AF3D7

 31F3C6

 93F3DC

 19F3C0

 ABF3E2

 01F3BA

 C3F3E8

 00F3BA

 DBF3ED

 F4F3F3

 FFF3F9

 FFF3FF

Harmonies

Analogous

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



A0EEA6



62F3D1



00F3FF

Triad

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



62F3D1



D4D3FF



FFC695

Complementary

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



62F3D1



F36284

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.



FFBBB9



62F3D1



FFC3FF

Square

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



62F3D1



89E3FF



FFB9E6



FFD682

Rectangle

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



62F3D1



00F0FF



FFB9E6



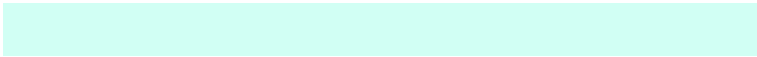
FFC29F

Sweetspot

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



62F3D1



D1FFF4



86F362



638079



000000



808080

Same Dimension

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



62F3D1



47FFD4



62CFF3



6E7A78



00BA8F



003B2D

Inverse Universe

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



F36284



FF4772



F38662



7A6E71



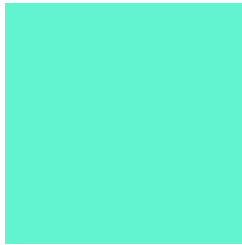
BA002C



3B000E

Previews

White Background



This preview shows how the Hex color 62F3D1 looks on a white background.

Color Contrast Check

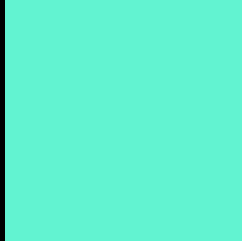
Large Text (above 18pt) WCAG AA × Fail

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 62F3D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

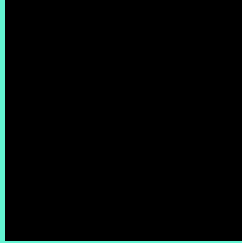
Any Text WCAG AA ✓ Pass

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 62F3D1 Background



This preview shows how black text looks on a background with the Hex color 62F3D1.

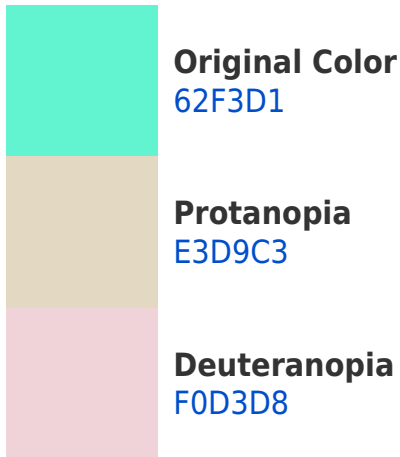


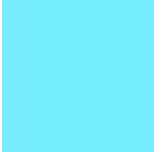
This preview shows how white text looks on a background with the Hex color 62F3D1.

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
76ECFF

Trichromacy



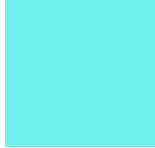
Original Color
62F3D1



Protanomaly
B4E2C8



Deuteranomaly
BCDFD5

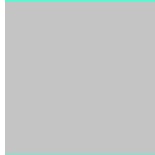


Tritanomaly
6FEFEE

Monochromacy



Original Color
62F3D1



Achromatopsia
C4C4C4



Achromatomaly
A0D5C9

CSS Examples

Text

The CSS property to change the color of the text to Hex 62F3D1 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 #62F3D1 looks like.

```
.text, #text, p{  
    color:#62F3D1  
}
```

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 #62F3D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62F3D1
}
```

Border

The CSS property to change the border of an element to Hex 62F3D1 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
#62F3D1 }
```

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

```
.border{ border-color:#62F3D1 }
```

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

Here you see how a box with a 4 pixel #62F3D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62F3D1; -webkit-box-shadow:4px 4px  
4px 4px #62F3D1; box-shadow:4px 4px 4px  
4px #62F3D1 }
```

Background

The CSS property to change the background color of an element to Hex 62F3D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62F3D1 }
```

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

```
.background{ background-color:#62F3D1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor