

Converting Colors

Hex(60F2DA)

Have a look what the booklet for
Hex(60F2DA) contains.

Hex(60F2DA)	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(60F2DA)

Conversions

Conversions Part 1

Format	Color
Hex	60F2DA
RGB	96, 242, 218
RGB Percent	38%, 95%, 85%
CMY	0.6235, 0.0510, 0.1451
CMYK	0.60, 0.00, 0.10, 0.05
HSL	170°, 85%, 66%
HSV	170°, 60%, 95%
XYZ	49.2309, 71.0530, 77.4495
YIQ	195.6100, -79.3120, -38.4160

Conversions

Conversions Part 2

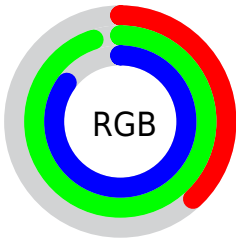
Format	Color
RYB	96, 176, 242
Decimal	6353626
CIELab	87.51, -44.62, -0.07
CIELCh	88, 44.620, 180.084
Yxy	71.0530, 0.2490, 0.3593
Android (android.graphics.Color)	4284543706 (0xFF60F2DA)
YUV	195.6100, 11.0383, -87.3580
Hunter-Lab	84.2929, -43.2606, 4.5286

Details

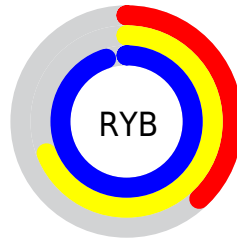
The Hex color **60F2DA** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **F26078**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **9FFFFFF**, and **00B9A3** is the 20% darker color. If you saturate the color by 10%, you get **48F2D6**, and if you desaturate by 10%, it is **78F2DE**.

Distribution



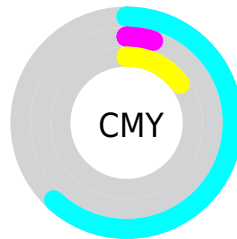
- Red (38%)
- Green (95%)
- Blue (85%)



- Red (38%)
- Yellow (69%)
- Blue (95%)



- Cyan (60%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)



- Cyan (62%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60F2DA 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 60F2DA by changing the saturation by 10% instead.

 60F2DA

 60F2DA

FFFFFF

 3CD5BE

 9FFFFFF

 00B9A3

 BEFFFF

 009E89

 DDFFFF

 008370

 FBFFFF

 006957

 005040

 00382A

 002216

 000000

 60F2DA

 60F2DA

 48F2D6

 78F2DE

 30F2D2

 90F2E2

 17F2CE

 A9F2E6

 00F2CA

 C1F2EA

 D9F2EE

 F1F2F2

 FFF2F6

 FFF2FA

 FFF2FE

Harmonies

Analogous

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



99EEB0



60F2DA



2DF1FF

Triad

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



60F2DA



E0D0FF



FFCA93

Complementary

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



60F2DA



F26078

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.



FFBEB3



60F2DA



FFC2FF

Square

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



60F2DA



9EDFFF



FFBADD



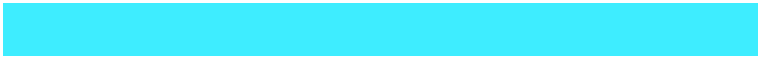
F7D986

Rectangle

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



60F2DA



3EEDFF



FFBADD



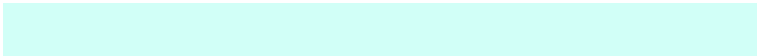
FFC59C

Sweetspot

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



60F2DA



D1FFF7



78F260



63807B



000000



808080

Same Dimension

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



60F2DA



47FFE1



60C1F2



6C7876



00B899



00382F

Inverse Universe

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



F26078



FF4766



F29160



786C6E



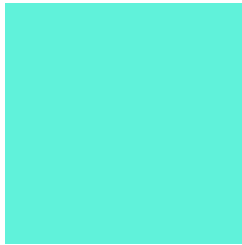
B8001E



380009

Previews

White Background



This preview shows how the Hex color 60F2DA looks on a white background.

Color Contrast Check

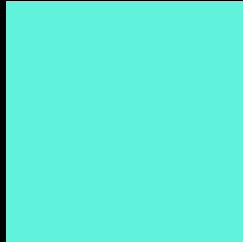
Large Text (above 18pt) WCAG AA × Fail

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 60F2DA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

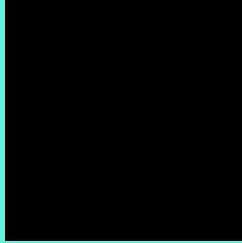
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

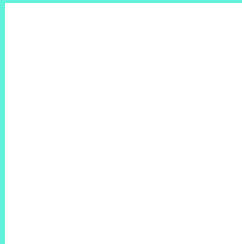
Any Text WCAG AAA ✓ Pass

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

Hex 60F2DA Background



This preview shows how black text looks on a background with the Hex color 60F2DA.

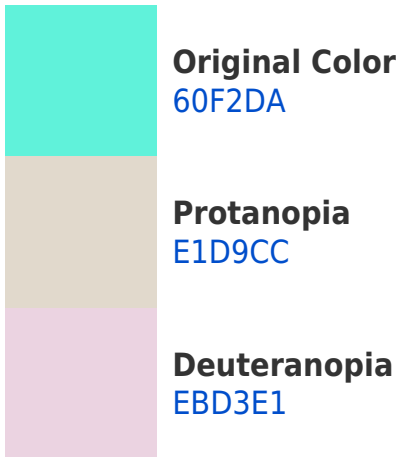


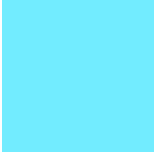
This preview shows how white text looks on a background with the Hex color 60F2DA.

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



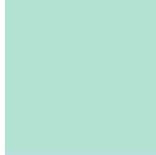


Tritanopia
72ECFF

Trichromacy



Original Color
60F2DA



Protanomaly
B2E2D1



Deuteranomaly
B8DEDE

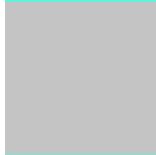


Tritanomaly
6BEEF2

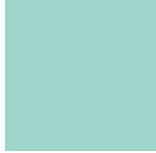
Monochromacy



Original Color
60F2DA



Achromatopsia
C4C4C4



Achromatomaly
A0D5CC

CSS Examples

Text

The CSS property to change the color of the text to Hex 60F2DA 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 #60F2DA looks like.

```
.text, #text, p{  
    color:#60F2DA  
}
```

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 #60F2DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60F2DA
}
```

Border

The CSS property to change the border of an element to Hex 60F2DA 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
#60F2DA }
```

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

```
.border{ border-color:#60F2DA }
```

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

Here you see how a box with a 4 pixel #60F2DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60F2DA; -webkit-box-shadow:4px 4px  
4px 4px #60F2DA; box-shadow:4px 4px 4px  
4px #60F2DA }
```

Background

The CSS property to change the background color of an element to Hex 60F2DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60F2DA }
```

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

```
.background{ background-color:#60F2DA }
```

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