

Converting Colors

Hex(61F296)

Have a look what the booklet for
Hex(61F296) contains.

Hex(61F296)	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(61F296)

Conversions

Conversions Part 1

Format	Color
Hex	61F296
RGB	97, 242, 150
RGB Percent	38%, 95%, 59%
CMY	0.6196, 0.0510, 0.4118
CMYK	0.60, 0.00, 0.38, 0.05
HSL	142°, 85%, 66%
HSV	142°, 60%, 95%
XYZ	42.1869, 68.2477, 39.8038
YIQ	188.1570, -56.8880, -59.3520

Conversions

Conversions Part 2

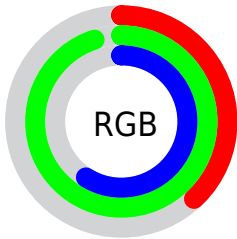
Format	Color
RYB	97, 203, 242
Decimal	6419094
CIELab	86.13, -58.81, 33.08
CIELCh	86, 67.479, 150.643
Yxy	68.2477, 0.2808, 0.4543
Android (android.graphics.Color)	4284609174 (0xFF61F296)
YUV	188.1570, -18.8114, -79.9447
Hunter-Lab	82.6121, -53.4180, 29.2617

Details

The Hex color **61F296** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **F261BD**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **9FFFCF**, and **05B962** is the 20% darker color. If you saturate the color by 10%, you get **49F287**, and if you desaturate by 10%, it is **79F2A5**.

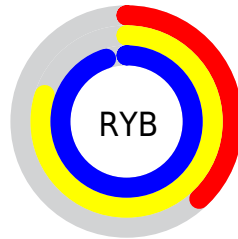
Distribution



Red (38%)

Green (95%)

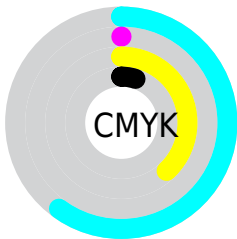
Blue (59%)



Red (38%)

Yellow (80%)

Blue (95%)

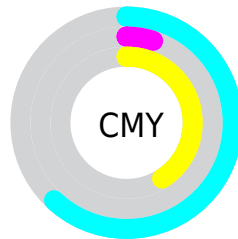


Cyan (60%)

Magenta (0%)

Yellow (38%)

Black (5%)



Cyan (62%)

Magenta (5%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61F296 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 61F296 by changing the saturation by 10% instead.

 61F296

FFFFFF

 9FFFCF

 BDFFE9

 DBFFFF

 FAFFFF


 61F296

 3ED57C

 05B962

 009D49

 008231

 006819

 004E00

 003600

 001E00

 000000

 61F296

 61F296

 49F287

 79F2A5

 31F277

 91F2B5

 18F268

 AAF2C4

 00F259

 C2F2D3

 00F258

 DAF2E3

 F2F2F2

 FFF2FF

Harmonies

Analogous

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



B9E763



61F296



00F7D7

Triad

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



61F296



52DEFF



FFA79A

Complementary

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



61F296



F261BD

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.



FF9FD9



61F296



DCC6FF

Square

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



61F296



00EEFF



FFADFF



FFBD68

Rectangle

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



61F296



00F7FF



FFADFF



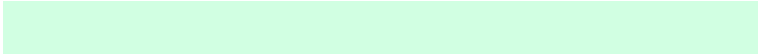
FFA2AE

Sweetspot

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



61F296



D1FFE2



BFF261



63806E



000000



808080

Same Dimension

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



61F296



47FF8B



61F2DC



6C7870



00B843



003815

Inverse Universe

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



F261BD



FF47BC



F26177



786C73



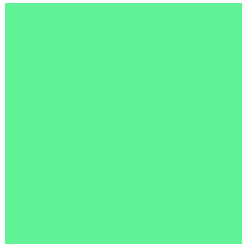
B80074



380024

Previews

White Background



This preview shows how the Hex color 61F296 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 61F296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

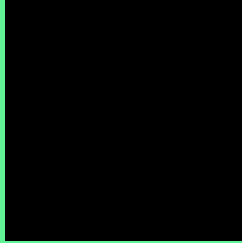
Any Text WCAG AA ✓ Pass

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 61F296 Background



This preview shows how black text looks on a background with the Hex color 61F296.

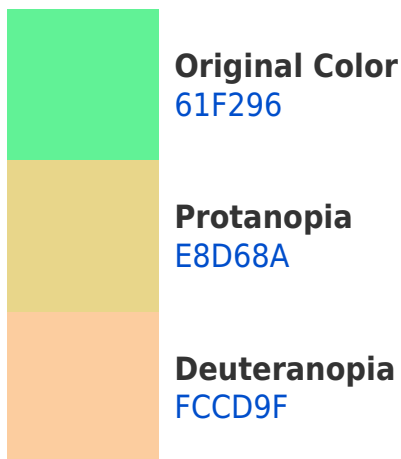


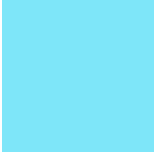
This preview shows how white text looks on a background with the Hex color 61F296.

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
7EE6F9

Trichromacy



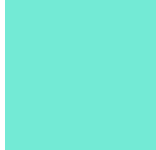
Original Color
61F296



Protanomaly
B7E08E

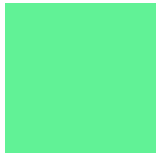


Deuteranomaly
C4DA9C

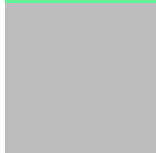


Tritanomaly
73EAD5

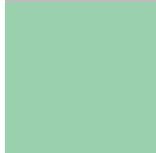
Monochromacy



Original Color
61F296



Achromatopsia
BCBCBC



Achromatomaly
9BD0AE

CSS Examples

Text

The CSS property to change the color of the text to Hex 61F296 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 #61F296 looks like.

```
.text, #text, p{  
    color:#61F296  
}
```

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 #61F296 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61F296
}
```

Border

The CSS property to change the border of an element to Hex 61F296 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
#61F296 }
```

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

```
.border{ border-color:#61F296 }
```

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

Here you see how a box with a 4 pixel #61F296 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61F296; -webkit-box-shadow:4px 4px  
4px 4px #61F296; box-shadow:4px 4px 4px  
4px #61F296 }
```

Background

The CSS property to change the background color of an element to Hex 61F296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61F296 }
```

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

```
.background{ background-color:#61F296 }
```

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