

Converting Colors

Hex(60FEB2)

Have a look what the booklet for
Hex(60FEB2) contains.

| | |
|--|----|
| Hex(60FEB2) | 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(60FEB2)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60FEB2 |
| RGB | 96, 254, 178 |
| RGB Percent | 38%, 100%, 70% |
| CMY | 0.6235, 0.0039, 0.3020 |
| CMYK | 0.62, 0.00, 0.30, 0.00 |
| HSL | 151°, 99%, 69% |
| HSV | 151°, 62%, 100% |
| XYZ | 48.3016, 76.5848, 54.3561 |
| YIQ | 198.0940, -69.7720, -57.1320 |

Conversions

Conversions Part 2

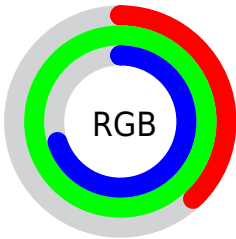
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 96, 200, 254 |
| Decimal | 6356658 |
| CIE _{Lab} | 90.13, -58.45, 24.33 |
| CIE _{LCh} | 90, 63.313, 157.405 |
| Yxy | 76.5848, 0.2695, 0.4273 |
| Android (android.graphics.Color) | 4284546738 (0xFF60FEB2) |
| YUV | 198.0940, -9.9063, -89.5364 |
| Hunter-Lab | 87.5127, -54.6264, 24.4326 |

Details

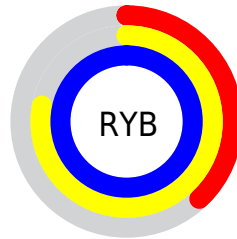
The Hex color **60FEB2** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE60AC**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A0FFEA**, and **00C47D** is the 20% darker color. If you saturate the color by 10%, you get **47FEA6**, and if you desaturate by 10%, it is **79FEBE**.

Distribution



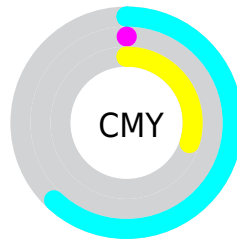
- Red (38%)
- Green (100%)
- Blue (70%)



- Red (38%)
- Yellow (78%)
- Blue (100%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)



- Cyan (62%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60FEB2 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 60FEB2 by changing the saturation by 10% instead.

 60FEB2

FFFFFF

 A0FFEA

 BEFFFF

 DDFFFF

 FCFFFF

 60FEB2

 3BE197

 00C47D

 00A864

 008D4B

 007234

 00581D

 003F06

 002800

 000100

 60FEB2

 60FEB2

 47FEA6

 79FEBE

 2DFE9A

 93FECA

 14FE8D

 ACFED7

 00FE84

 C6FEE3

 DFFEEF

 F8FEFB

 FFFEFF

Harmonies

Analogous

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



B8F47F



60FEB2



00FFF0

Triad

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



60FEB2



95E4FF



FFBA9C

Complementary

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



60FEB2



FE60AC

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.



FFAFD6



60FEB2



FBCDFF

Square

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



60FEB2



00F6FF



FFB7FF



FFCF72

Rectangle

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



60FEB2



00FFFF



FFB7FF



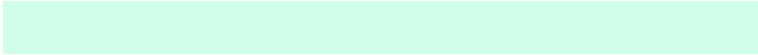
FFB4AE

Sweetspot

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



60FEB2



CFFFE8



ACFE60



628071



000000



808080

Same Dimension

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



60FEB2



40FFA3



60FBFE



738079



00BF63



004021

Inverse Universe

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



FE60AC



FF409C



FE6360



807379



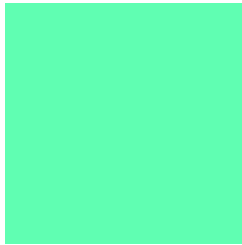
BF005C



40001F

Previews

White Background



This preview shows how the Hex color 60FEB2 looks on a white background.

Color Contrast Check

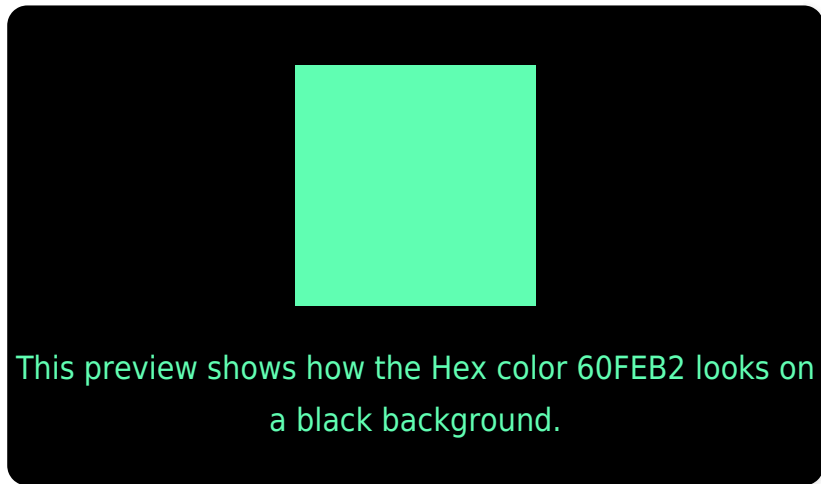
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

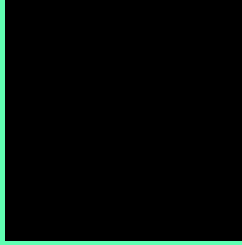
Any Text WCAG AA ✓ Pass

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 60FEB2 Background



This preview shows how black text looks on a background with the Hex color 60FEB2.

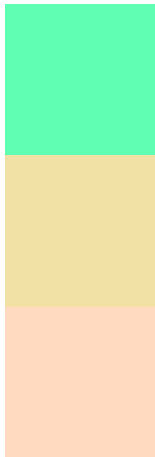


This preview shows how white text looks on a background with the Hex color 60FEB2.

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](#).

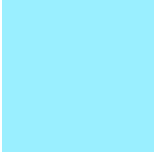
Dichromacy



Original Color
60FEB2

Protanopia
F1E1A5

Deuteranopia
FFDAC1

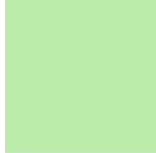


Tritanopia
9AEFFF

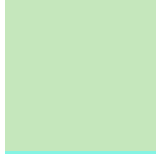
Trichromacy



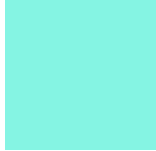
Original Color
60FEB2



Protanomaly
BCECAA



Deuteranomaly
C5E7BC

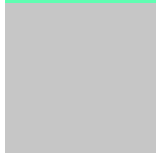


Tritanomaly
85F4E3

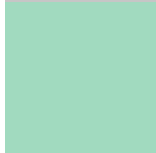
Monochromacy



Original Color
60FEB2



Achromatopsia
C6C6C6



Achromatomaly
A1DABF

CSS Examples

Text

The CSS property to change the color of the text to Hex 60FEB2 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 #60FEB2 looks like.

```
.text, #text, p{  
    color:#60FEB2  
}
```

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 #60FEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60FEB2  
}
```

Border

The CSS property to change the border of an element to Hex 60FEB2 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  
#60FEB2 }
```

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

```
.border{ border-color:#60FEB2 }
```

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

Here you see how a box with a 4 pixel #60FEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60FEB2; -webkit-box-shadow:4px 4px  
4px 4px #60FEB2; box-shadow:4px 4px 4px  
4px #60FEB2 }
```

Background

The CSS property to change the background color of an element to Hex 60FEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60FEB2 }
```

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

```
.background{ background-color:#60FEB2 }
```

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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