

Converting Colors

Hex(44F682)

Have a look what the booklet for
Hex(44F682) contains.

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Color

Hex(44F682)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 44F682 |
| RGB | 68, 246, 130 |
| RGB Percent | 27%, 96%, 51% |
| CMY | 0.7333, 0.0353, 0.4902 |
| CMYK | 0.72, 0.00, 0.47, 0.04 |
| HSL | 141°, 91%, 62% |
| HSV | 141°, 72%, 96% |
| XYZ | 39.3689, 68.7522, 32.3146 |
| YIQ | 179.5540, -68.8520, -73.8120 |

Conversions

Conversions Part 2

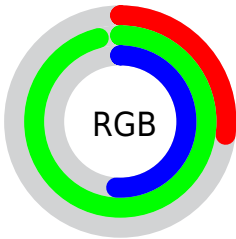
| Format | Color |
|-------------------------------------|--|
| RYB | 68, 200, 246 |
| Decimal | 4519554 |
| CIELab | 86.38, -68.58, 43.11 |
| CIELCh | 86, 81.010, 147.846 |
| Yxy | 68.7522, 0.2803, 0.4896 |
| Android (android.graphics.Color) | 4282709634 (0xFF44F682) |
| YUV | 179.5540, -24.4301, -97.8329 |
| Hunter-Lab | 82.9169, -60.3529, 34.9352 |

Details

The Hex color **44F682** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **F644B8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **8AFFB8**, and **00BC4E** is the 20% darker color. If you saturate the color by 10%, you get **2BF672**, and if you desaturate by 10%, it is **5DF692**.

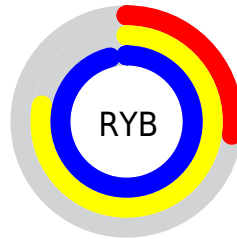
Distribution



Red (27%)

Green (96%)

Blue (51%)



Red (27%)

Yellow (78%)

Blue (96%)

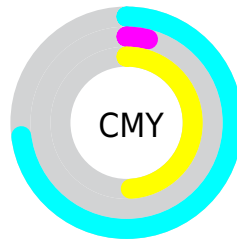


Cyan (72%)

Magenta (0%)

Yellow (47%)

Black (4%)



Cyan (73%)

Magenta (4%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F682 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 44F682 by changing the saturation by 10% instead.

 44F682

 44F682

FFFFFF

 00D968

 8AFFB8

 00BC4E

 AAFFD5

 00A034

 C9FFF1

 00851A

 E9FFF5

 006A00

 005000

 003900

 001E00

 000000

 44F682

 44F682

 2BF672

 5DF692

 13F662

 75F6A2

 00F656

 8EF6B2

 A6F6C2

 BFF6D2

 D8F6E2

 F0F6F2

 FFF6FF

Harmonies

Analogous

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



B9E941



44F682



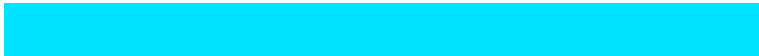
00FCD0

Triad

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



44F682



00E3FF



FF9795

Complementary

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



44F682



F644B8

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.



FF8FE1



44F682



CEC6FF

Square

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



44F682



00F4FF



FFA4FF



FFB554

Rectangle

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



44F682



00DFFF



FFA4FF



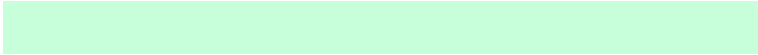
FF91AE

Sweetspot

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



44F682



C7FFDA



BBF644



5E806A



000000



808080

Same Dimension

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



44F682



21FF6E



44F6D8



6E7A72



00BA41



003B14

Inverse Universe

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



F644B8



FF21B2



F64462



7A6E76



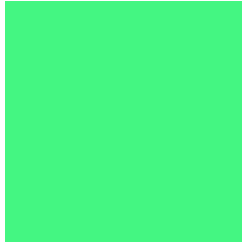
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 44F682 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 44F682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

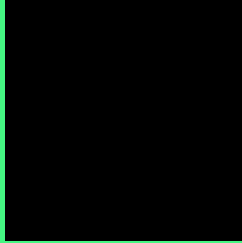
Any Text WCAG AA ✓ Pass

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 44F682 Background



This preview shows how black text looks on a background with the Hex color 44F682.

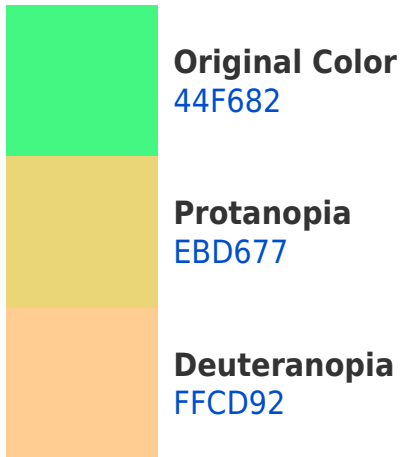


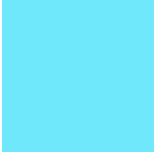
This preview shows how white text looks on a background with the Hex color 44F682.

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](#).

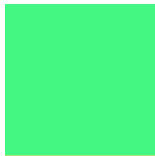
Dichromacy





Tritanopia
70E8FB

Trichromacy



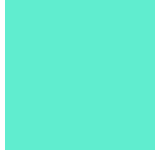
Original Color
44F682



Protanomaly
AEE27B



Deuteranomaly
BBDC8C

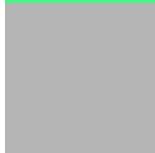


Tritanomaly
60EDCF

Monochromacy



Original Color
44F682



Achromatopsia
B4B4B4



Achromatomaly
8BCCA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 44F682 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 #44F682 looks like.

```
.text, #text, p{  
    color:#44F682  
}
```

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 #44F682 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F682
}
```

Border

The CSS property to change the border of an element to Hex 44F682 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
#44F682 }
```

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

```
.border{ border-color:#44F682 }
```

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

Here you see how a box with a 4 pixel #44F682 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F682; -webkit-box-shadow:4px 4px  
4px 4px #44F682; box-shadow:4px 4px 4px  
4px #44F682 }
```

Background

The CSS property to change the background color of an element to Hex 44F682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F682 }
```

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

```
.background{ background-color:#44F682 }
```

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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