

Converting Colors

Hex(44F263)

Have a look what the booklet for
Hex(44F263) contains.

Hex(44F263)	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(44F263)

Conversions

Conversions Part 1

Format	Color
Hex	44F263
RGB	68, 242, 99
RGB Percent	27%, 95%, 39%
CMY	0.7333, 0.0510, 0.6118
CMYK	0.72, 0.00, 0.59, 0.05
HSL	131°, 87%, 61%
HSV	131°, 72%, 95%
XYZ	36.3882, 65.6341, 22.5552
YIQ	173.6720, -57.8010, -81.3610

Conversions

Conversions Part 2

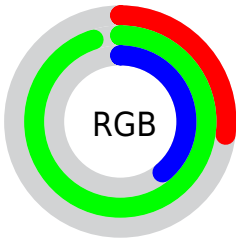
Format	Color
RYB	68, 216, 242
Decimal	4518499
CIELab	84.81, -71.46, 55.47
CIELCh	85, 90.466, 142.181
Yxy	65.6341, 0.2921, 0.5269
Android (android.graphics.Color)	4282708579 (0xFF44F263)
YUV	173.6720, -36.8133, -92.6743
Hunter-Lab	81.0148, -61.6020, 40.2036

Details

The Hex color **44F263** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed spring green. A complement of this color would be **F244D3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **8AFF9A**, and **00B82C** is the 20% darker color. If you saturate the color by 10%, you get **2CF24F**, and if you desaturate by 10%, it is **5CF277**.

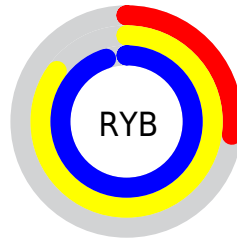
Distribution



Red (27%)

Green (95%)

Blue (39%)



Red (27%)

Yellow (85%)

Blue (95%)

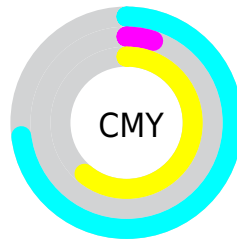


Cyan (72%)

Magenta (0%)

Yellow (59%)

Black (5%)



Cyan (73%)

Magenta (5%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44F263 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 44F263 by changing the saturation by 10% instead.

 44F263

 44F263

FFFFFF

 00D548

 8AFF9A

 00B82C

 AAFFB6

 009C05

 CAFFD2

 008100

 E9FFE9

 006600

 004D00

 003500

 001900

 000000

 44F263

 44F263

 2CF24F

 5CF277

 14F23B

 74F28B

 00F22B

 8DF29F

 A5F2B3

 BDF2C6

 D5F2DA

 EDF2EE

 FFF2FF

Harmonies

Analogous

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



BFE200



44F263



00FABA

Triad

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



44F263



00E5FF



FF8199

Complementary

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



44F263



F244D3

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.



FF7DEE



44F263



A3C7FF

Square

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



44F263



00F5FF



FF9FFF



FFA44B

Rectangle

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



44F263



00BF5



FF9FFF



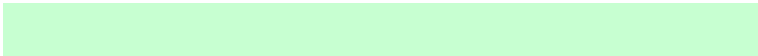
FF7BB5

Sweetspot

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



44F263



C7FFD1



D5F244



5E8064



000000



808080

Same Dimension

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



44F263



24FF4B



44F2B8



6C786E



00B821



00380A

Inverse Universe

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



F244D3



FF24D8



F2447E



786C76



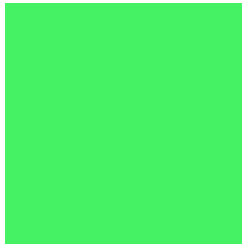
B80097



38002E

Previews

White Background



This preview shows how the Hex color 44F263 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 44F263 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 44F263 Background



This preview shows how black text looks on a background with the Hex color 44F263.

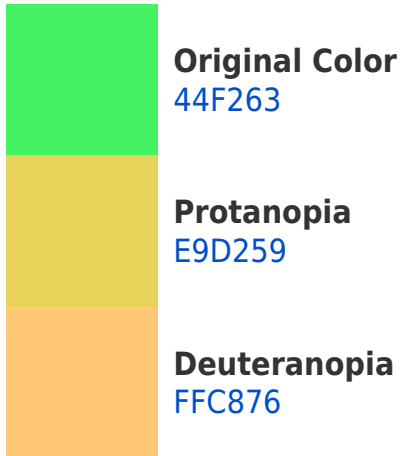


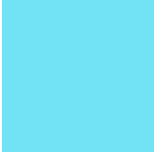
This preview shows how white text looks on a background with the Hex color 44F263.

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
72E3F5

Trichromacy



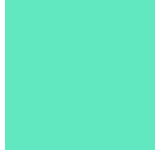
Original Color
44F263



Protanomaly
ADDE5D



Deuteranomaly
BBD76F

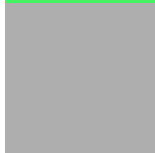


Tritanomaly
61E8C0

Monochromacy



Original Color
44F263



Achromatopsia
AEAEAE



Achromatomaly
87C793

CSS Examples

Text

The CSS property to change the color of the text to Hex 44F263 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 #44F263 looks like.

```
.text, #text, p{  
    color:#44F263  
}
```

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 #44F263 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44F263
}
```

Border

The CSS property to change the border of an element to Hex 44F263 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
#44F263 }
```

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

```
.border{ border-color:#44F263 }
```

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

Here you see how a box with a 4 pixel #44F263 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44F263; -webkit-box-shadow:4px 4px  
4px 4px #44F263; box-shadow:4px 4px 4px  
4px #44F263 }
```

Background

The CSS property to change the background color of an element to Hex 44F263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44F263 }
```

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

```
.background{ background-color:#44F263 }
```

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