

Converting Colors

Hex(3CF552)

Have a look what the booklet for
Hex(3CF552) contains.

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Color

Hex(3CF552)

Conversions

Conversions Part 1

Format	Color
Hex	3CF552
RGB	60, 245, 82
RGB Percent	24%, 96%, 32%
CMY	0.7647, 0.0392, 0.6784
CMYK	0.76, 0.00, 0.67, 0.04
HSL	127°, 90%, 60%
HSV	127°, 76%, 96%
XYZ	36.0389, 66.8747, 18.9913
YIQ	171.1030, -57.9370, -89.9130

Conversions

Conversions Part 2

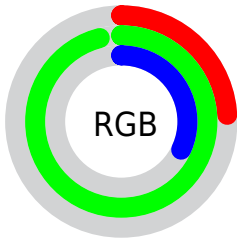
Format	Color
R _{YB}	60, 225, 245
Decimal	3994962
CIE Lab	85.44, -75.35, 63.15
CIE LCh	85, 98.315, 140.033
Yxy	66.8747, 0.2956, 0.5486
Android (android.graphics.Color)	4282185042 (0xFF3CF552)
YUV	171.1030, -43.9278, -97.4373
Hunter-Lab	81.7769, -64.4452, 43.4748

Details

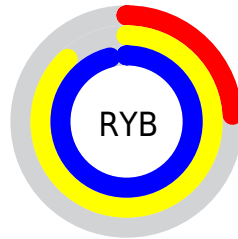
The Hex color **3CF552** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F53CDF**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **87FF8A**, and **00BB0F** is the 20% darker color. If you saturate the color by 10%, you get **23F53C**, and if you desaturate by 10%, it is **54F568**.

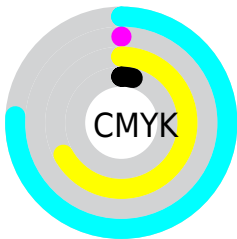
Distribution



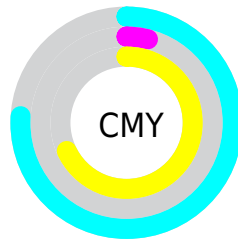
- Red (24%)
- Green (96%)
- Blue (32%)



- Red (24%)
- Yellow (88%)
- Blue (96%)



- Cyan (76%)
- Magenta (0%)
- Yellow (67%)
- Black (4%)



- Cyan (76%)
- Magenta (4%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3CF552 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 3CF552 by changing the saturation by 10% instead.

 3CF552

 3CF552

FFFFFF

 00D835

 87FF8A

 00BB0F

 A7FFA6

 009F00

 C7FFC3

 008400

 E7FFE0

 006900

FFFFFFD

 004F00

 003600

 001C00

 000000

 3CF552

 3CF552

 23F53C

 54F568

 0BF527

 6DF57D

 00F51D

 85F593

 9EF5A8

 B6F5BE

 CFF5D4

 E7F5E9

 FFF5FF

Harmonies

Analogous

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



C4E400



3CF552



00FDB2

Triad

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



3CF552



00EAF7



FF749C

Complementary

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



3CF552



F53CDF

Split Complementary

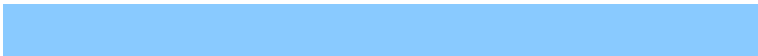
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF73F9



3CF552



89CAFF

Square

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



3CF552



00FAFF



FF9DFF



FF9D44

Rectangle

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



3CF552



00FFF3



FF9DFF



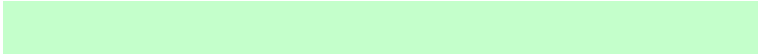
FF6EBA

Sweetspot

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



3CF552



C4FFCB



DFF53C



5C8060



000000



808080

Same Dimension

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



3CF552



17FF33



3CF5AE



6E7A70



00BA16



003B07

Inverse Universe

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



F53CDF



FF17E3



F53C83



7A6E79



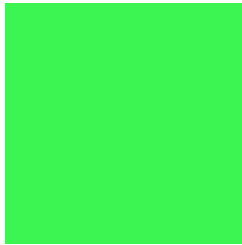
BA00A4



3B0034

Previews

White Background



This preview shows how the Hex color 3CF552 looks on a white background.

Color Contrast Check

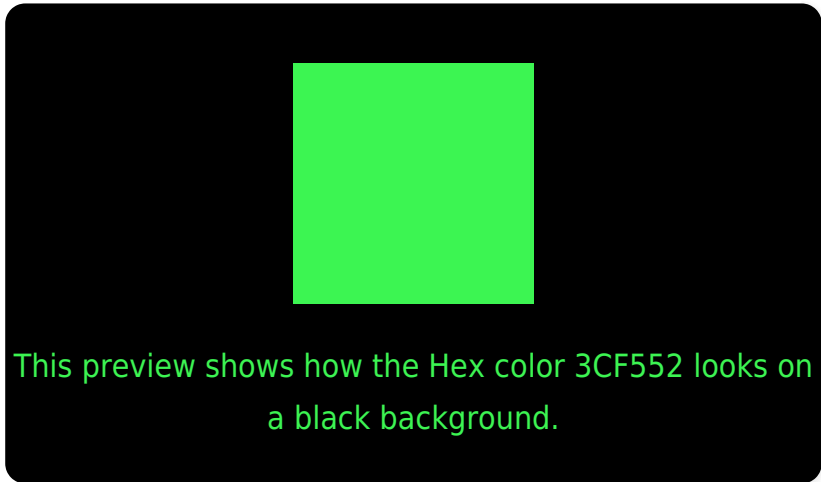
Large Text (above 18pt) WCAG AA × Fail

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 3CF552 Background



This preview shows how black text looks on a background with the Hex color 3CF552.

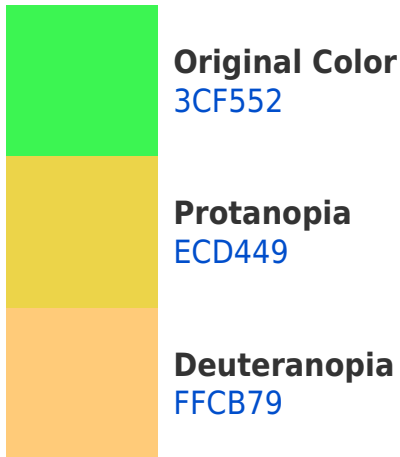


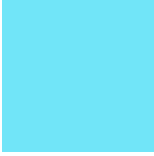
This preview shows how white text looks on a background with the Hex color 3CF552.

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
71E5F8

Trichromacy



Original Color
3CF552



Protanomaly
ACE04C



Deuteranomaly
B8DA6B

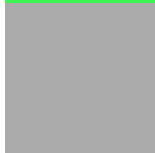


Tritanomaly
5EEBBC

Monochromacy



Original Color
3CF552



Achromatopsia
ABABAB



Achromatomaly
83C68B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3CF552 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 #3CF552 looks like.

```
.text, #text, p{  
    color:#3CF552  
}
```

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 #3CF552 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3CF552
}
```

Border

The CSS property to change the border of an element to Hex 3CF552 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
#3CF552 }
```

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

```
.border{ border-color:#3CF552 }
```

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

Here you see how a box with a 4 pixel #3CF552 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3CF552; -webkit-box-shadow:4px 4px  
4px 4px #3CF552; box-shadow:4px 4px 4px  
4px #3CF552 }
```

Background

The CSS property to change the background color of an element to Hex 3CF552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3CF552 }
```

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

```
.background{ background-color:#3CF552 }
```

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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