

Converting Colors

Hex(36FF44)

Have a look what the booklet for
Hex(36FF44) contains.

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Color

Hex(36FF44)

Conversions

Conversions Part 1

Format	Color
Hex	36FF44
RGB	54, 255, 68
RGB Percent	21%, 100%, 27%
CMY	0.7882, 0.0000, 0.7333
CMYK	0.79, 0.00, 0.73, 0.00
HSL	124°, 100%, 61%
HSV	124°, 79%, 100%
XYZ	38.3247, 72.7216, 17.4856
YIQ	173.5830, -59.7690, -100.7690

Conversions

Conversions Part 2

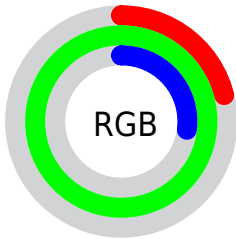
Format	Color
RYB	54, 242, 255
Decimal	3604292
CIELab	88.31, -80.24, 71.14
CIELCh	88, 107.240, 138.440
Yxy	72.7216, 0.2982, 0.5658
Android (android.graphics.Color)	4281794372 (0xFF36FF44)
YUV	173.5830, -52.0524, -104.8743
Hunter-Lab	85.2770, -69.0142, 47.5368

Details

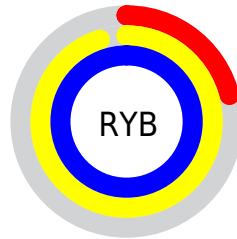
The Hex color **36FF44** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **FF36F1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **86FF7F**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **1CFF2C**, and if you desaturate by 10%, it is **50FF5C**.

Distribution



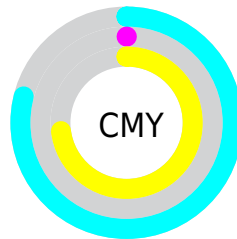
- Red (21%)
- Green (100%)
- Blue (27%)



- Red (21%)
- Yellow (95%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FF44 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 36FF44 by changing the saturation by 10% instead.

 36FF44

 36FF44

FFFFFF

 00E121

 86FF7F

 00C500

 A8FF9B

 00A800

 C8FFB8

 008C00

 E8FFD6

 007100

 FFFFF3

 005700

 003E00

 002400

 000000

 36FF44

 36FF44


 1CFF2C

 50FF5C

 03FF15

 69FF73

 00FF12

 83FF8B

 9CFFA3

 B5FFBB

 CFFFD2

 E9FFEA

FFFFFF

Harmonies

Analogous

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



CEEC00



36FF44



00FFB1

Triad

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



36FF44



00F5FF



FF6BA4

Complementary

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



36FF44



FF36F1

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.



FF6DFF



36FF44



6DD4FF

Square

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



36FF44



00FFFF



FFA1FF



FF9B41

Rectangle

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



36FF44



00FFF9



FFA1FF



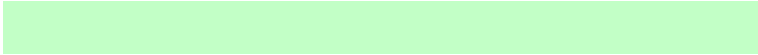
FF63C5

Sweetspot

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



36FF44



C2FFC6



F2FF36



5B805D



000000



808080

Same Dimension

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



36FF44



0DFF1E



36FFA8



738074



00BF0D



004004

Inverse Universe

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



FF36F1



FF0DEE



FF368D



80737F



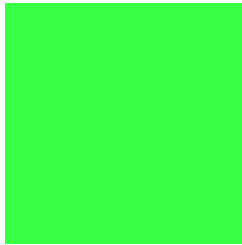
BF00B2



40003B

Previews

White Background



This preview shows how the Hex color 36FF44 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 36FF44 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 36FF44 Background



This preview shows how black text looks on a background with the Hex color 36FF44.

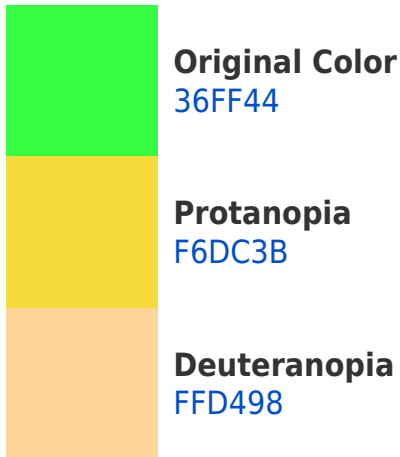


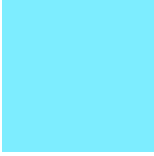
This preview shows how white text looks on a background with the Hex color 36FF44.

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](#).

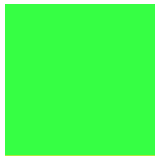
Dichromacy





Tritanopia
7DEDFE

Trichromacy



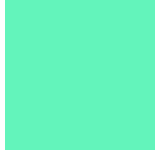
Original Color
36FF44



Protanomaly
B0E93E

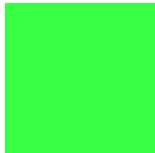


Deuteranomaly
B6E479

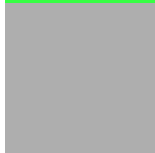


Tritanomaly
63F4BB

Monochromacy



Original Color
36FF44



Achromatopsia
AEAEAE



Achromatomaly
82CB87

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FF44 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 #36FF44 looks like.

```
.text, #text, p{  
    color:#36FF44  
}
```

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 #36FF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FF44
}
```

Border

The CSS property to change the border of an element to Hex 36FF44 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
#36FF44 }
```

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

```
.border{ border-color:#36FF44 }
```

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

Here you see how a box with a 4 pixel #36FF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FF44; -webkit-box-shadow:4px 4px  
4px 4px #36FF44; box-shadow:4px 4px 4px  
4px #36FF44 }
```

Background

The CSS property to change the background color of an element to Hex 36FF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FF44 }
```

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

```
.background{ background-color:#36FF44 }
```

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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