

Converting Colors

Hex(36FF58)

Have a look what the booklet for
Hex(36FF58) contains.

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Color

Hex(36FF58)

Conversions

Conversions Part 1

Format	Color
Hex	36FF58
RGB	54, 255, 88
RGB Percent	21%, 100%, 35%
CMY	0.7882, 0.0000, 0.6549
CMYK	0.79, 0.00, 0.65, 0.00
HSL	130°, 100%, 61%
HSV	130°, 79%, 100%
XYZ	39.0428, 73.0089, 21.2669
YIQ	175.8630, -66.1890, -94.5490

Conversions

Conversions Part 2

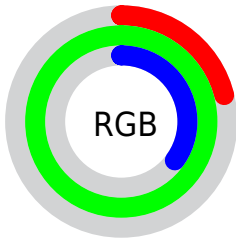
Format	Color
RYB	54, 226, 255
Decimal	3604312
CIELab	88.45, -78.54, 64.05
CIELCh	88, 101.347, 140.804
Yxy	73.0089, 0.2929, 0.5476
Android (android.graphics.Color)	4281794392 (0xFF36FF58)
YUV	175.8630, -43.3165, -106.8739
Hunter-Lab	85.4452, -67.9665, 45.0547

Details

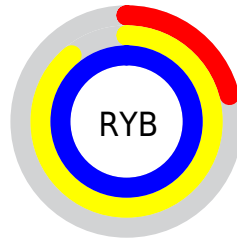
The Hex color **36FF58** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **FF36DD**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **85FF90**, and **00C518** is the 20% darker color. If you saturate the color by 10%, you get **1CFF43**, and if you desaturate by 10%, it is **50FF6D**.

Distribution



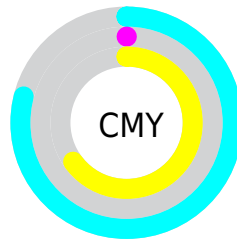
- Red (21%)
- Green (100%)
- Blue (35%)



- Red (21%)
- Yellow (89%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FF58 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 36FF58 by changing the saturation by 10% instead.

 36FF58

 36FF58

FFFFFF

 00E13B

 85FF90

 00C518

 A7FFAC

 00A800

 C7FFC9

 008C00

 E7FFE6

 007100

 005700

 003E00

 002400

 000000

 36FF58

 36FF58

 1CFF43

 50FF6D

 03FF2E

 69FF82

 00FF2B

 83FF98

 9CFFAD

 B5FFC2

 CFFFD7

 E9FFEC

FFFFFF

Harmonies

Analogous

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



C9ED00



36FF58



00FFBC

Triad

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



36FF58



00F2FF



FF7AA0

Complementary

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



36FF58



FF36DD

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.



FF77FF



36FF58



95D1FF

Square

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



36FF58



00FFFF



FFA2FF



FFA445

Rectangle

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



36FF58



00FFFF



FFA2FF



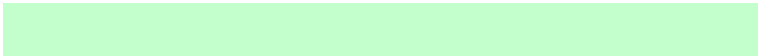
FF72BF

Sweetspot

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



36FF58



C2FFCC



DDFF36



5B8061



000000



808080

Same Dimension

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



36FF58



0DFF36



36FFBC



738075



00BF20



00400B

Inverse Universe

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



FF36DD



FF0DD6



FF3679



80737D



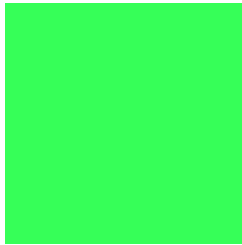
BF009F



400035

Previews

White Background



This preview shows how the Hex color 36FF58 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 36FF58 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 36FF58 Background



This preview shows how black text looks on a background with the Hex color 36FF58.

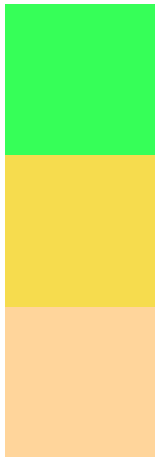


This preview shows how white text looks on a background with the Hex color 36FF58.

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](#).

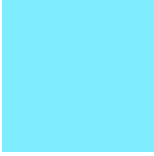
Dichromacy



Original Color
36FF58

Protanopia
F6DC4E

Deuteranopia
FFD59B



Tritanopia
7FEDFF

Trichromacy



Original Color

36FF58



Protanomaly

B0E952



Deuteranomaly

B6E483



Tritanomaly

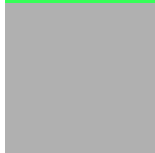
64F4C2

Monochromacy



Original Color

36FF58



Achromatopsia

B0B0B0



Achromatomaly

84CD90

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FF58 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 #36FF58 looks like.

```
.text, #text, p{  
    color:#36FF58  
}
```

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 #36FF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FF58
}
```

Border

The CSS property to change the border of an element to Hex 36FF58 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
#36FF58 }
```

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

```
.border{ border-color:#36FF58 }
```

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

Here you see how a box with a 4 pixel #36FF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FF58; -webkit-box-shadow:4px 4px  
4px 4px #36FF58; box-shadow:4px 4px 4px  
4px #36FF58 }
```

Background

The CSS property to change the background color of an element to Hex 36FF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FF58 }
```

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

```
.background{ background-color:#36FF58 }
```

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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