

Converting Colors

Hex(36FF95)

Have a look what the booklet for
Hex(36FF95) contains.

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Color

Hex(36FF95)

Conversions

Conversions Part 1

Format	Color
Hex	36FF95
RGB	54, 255, 149
RGB Percent	21%, 100%, 58%
CMY	0.7882, 0.0000, 0.4157
CMYK	0.79, 0.00, 0.42, 0.00
HSL	148°, 100%, 61%
HSV	148°, 79%, 100%
XYZ	42.7061, 74.4742, 40.5579
YIQ	182.8170, -85.7700, -75.5780

Conversions

Conversions Part 2

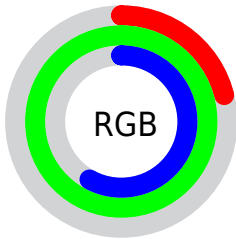
Format	Color
RYB	54, 190, 255
Decimal	3604373
CIELab	89.15, -70.26, 37.38
CIELCh	89, 79.583, 151.982
Yxy	74.4742, 0.2707, 0.4721
Android (android.graphics.Color)	4281794453 (0xFF36FF95)
YUV	182.8170, -16.6718, -112.9725
Hunter-Lab	86.2984, -62.6887, 32.5442

Details

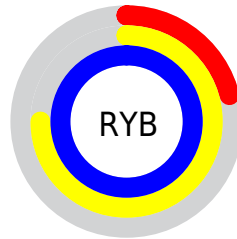
The Hex color **36FF95** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **FF36A0**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **84FFCC**, and **00C561** is the 20% darker color. If you saturate the color by 10%, you get **1CFF88**, and if you desaturate by 10%, it is **50FFA2**.

Distribution



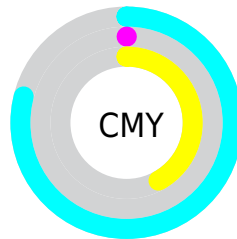
- Red (21%)
- Green (100%)
- Blue (58%)



- Red (21%)
- Yellow (75%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (42%)
- Black (0%)



- Cyan (79%)
- Magenta (0%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36FF95 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 36FF95 by changing the saturation by 10% instead.

 36FF95

 36FF95

FFFFFF

 00E27B

 84FFCC

 00C561

 A4FFE9

 00A848

 C4FFFF

 008D2F

 E4FFFF

 007215

 005800

 003F00

 002600

 000000

 36FF95

 36FF95

 1CFF88

 50FFA2

 03FF7A

 69FFB0

 00FF79

 83FFBD

 9CFFCB

 B5FFD8

 CFFFE6

 E9FFF3

FFFFFF

Harmonies

Analogous

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



B6F354



36FF95



00FFE3

Triad

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



36FF95



00E7FF



FFA494

Complementary

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



36FF95



FF36A0

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.



FF98DE



36FF95



E8CAFF

Square

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



36FF95



00FAFF



FFA9FF



FFC157

Rectangle

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



36FF95



00FFFF



FFA9FF



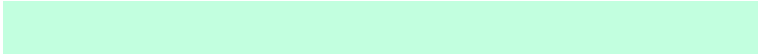
FF9DAC

Sweetspot

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



36FF95



C2FFDF



A1FF36



5B806C



000000



808080

Same Dimension

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



36FF95



0DFF7F



36FFF8



738079



00BF5A



00401E

Inverse Universe

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



FF36A0



FF0D8D



FF363D



807379



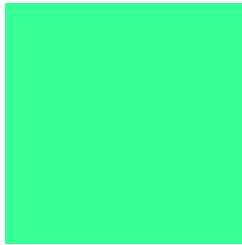
BF0065



400022

Previews

White Background



This preview shows how the Hex color 36FF95 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 36FF95 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 36FF95 Background



This preview shows how black text looks on a background with the Hex color 36FF95.

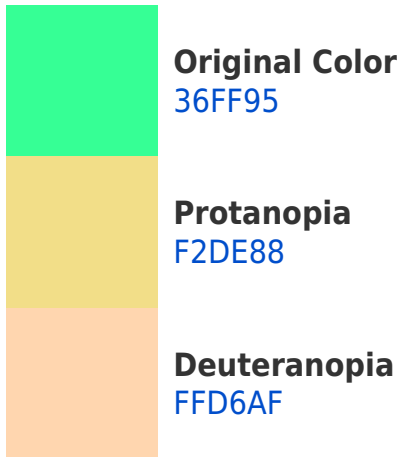


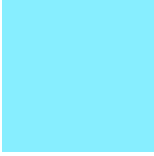
This preview shows how white text looks on a background with the Hex color 36FF95.

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](#).

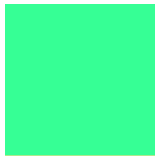
Dichromacy





Tritanopia
87EEFF

Trichromacy



Original Color
36FF95



Protanomaly
AEEA8D



Deuteranomaly
B6E5A6



Tritanomaly
6AF4D8

Monochromacy



Original Color
36FF95



Achromatopsia
B7B7B7



Achromatomaly
88D1AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 36FF95 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 #36FF95 looks like.

```
.text, #text, p{  
    color:#36FF95  
}
```

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 #36FF95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36FF95
}
```

Border

The CSS property to change the border of an element to Hex 36FF95 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
#36FF95 }
```

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

```
.border{ border-color:#36FF95 }
```

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

Here you see how a box with a 4 pixel #36FF95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36FF95; -webkit-box-shadow:4px 4px  
4px 4px #36FF95; box-shadow:4px 4px 4px  
4px #36FF95 }
```

Background

The CSS property to change the background color of an element to Hex 36FF95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36FF95 }
```

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

```
.background{ background-color:#36FF95 }
```

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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