

Converting Colors

Hex(37EDFA)

Have a look what the booklet for
Hex(37EDFA) contains.

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Color

Hex(37EDFA)

Conversions

Conversions Part 1

Format	Color
Hex	37EDFA
RGB	55, 237, 250
RGB Percent	22%, 93%, 98%
CMY	0.7843, 0.0706, 0.0196
CMYK	0.78, 0.05, 0.00, 0.02
HSL	184°, 95%, 60%
HSV	184°, 78%, 98%
XYZ	49.1151, 68.2827, 101.0337
YIQ	184.0640, -112.6450, -34.5410

Conversions

Conversions Part 2

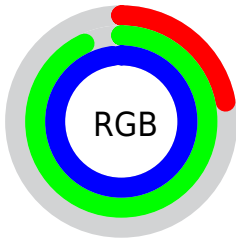
Format	Color
RYB	55, 149, 250
Decimal	3665402
CIELab	86.15, -39.06, -18.96
CIELCh	86, 43.417, 205.889
Yxy	68.2827, 0.2249, 0.3126
Android (android.graphics.Color)	4281855482 (0xFF37EDFA)
YUV	184.0640, 32.5064, -113.1891
Hunter-Lab	82.6334, -38.5128, -14.6490

Details

The Hex color **37EDFA** is a light color, and the websafe version is hex **66FFFF**. The color can be described as light washed cyan. A complement of this color would be **FA4437**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **86FFFF**, and **00B5C2** is the 20% darker color. If you saturate the color by 10%, you get **1EEBFA**, and if you desaturate by 10%, it is **50EFFA**.

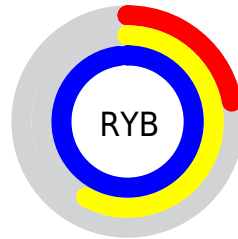
Distribution



Red (22%)

Green (93%)

Blue (98%)



Red (22%)

Yellow (58%)

Blue (98%)

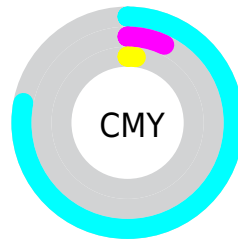


Cyan (78%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (78%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37EDFA 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 37EDFA by changing the saturation by 10% instead.

 37EDFA

 37EDFA

FFFFFF

 00D0DD

 86FFFF

 00B5C2

 A7FFFF

 0099A6

 C7FFFF

 007F8C

 E7FFFF

 006572

 004C5A

 003542

 001F2C

 000118

 37EDFA

 37EDFA

 1EEBFA

 50EFFA

 05EAFA

 69F0FA

 00E9FA

 82F2FA

 9BF4FA

 B4F5FA

 CDF7FA

 E6F9FA

 FFFAFA

 FFFCFA

Harmonies

Analogous

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



69EDD0



37EDFA



4EE8FF

Triad

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



37EDFA



FFC1FF



F8D385

Complementary

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



37EDFA



FA4437

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.



FFC595



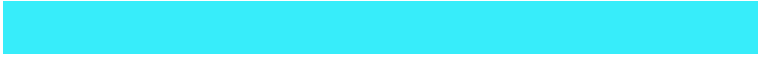
37EDFA



FFB8DF

Square

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



37EDFA



D4CFFF



FFBAB6



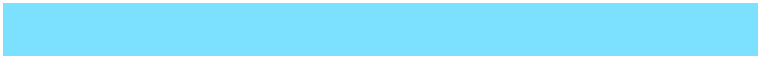
CEE08C

Rectangle

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



37EDFA



7CE1FF



FFBAB6



FFCE88

Sweetspot

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



37EDFA



C4FBFF



37FA44



5C7D80



000000



808080

Same Dimension

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



37EDFA



0FEFFF



378CFA



707C7D



00B0BD



00393D

Inverse Universe

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



FA37ED



FF0FEF



FAA537



7D707C



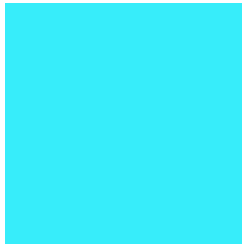
BD00B0



3D0039

Previews

White Background



This preview shows how the Hex color 37EDFA looks on a white background.

Color Contrast Check

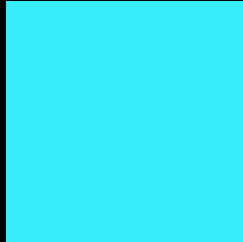
Large Text (above 18pt) WCAG AA × Fail

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 37EDFA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

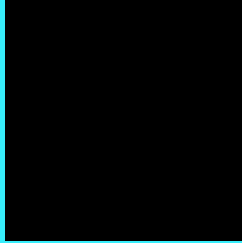
Any Text WCAG AA ✓ Pass

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 37EDFA Background



This preview shows how black text looks on a background with the Hex color 37EDFA.

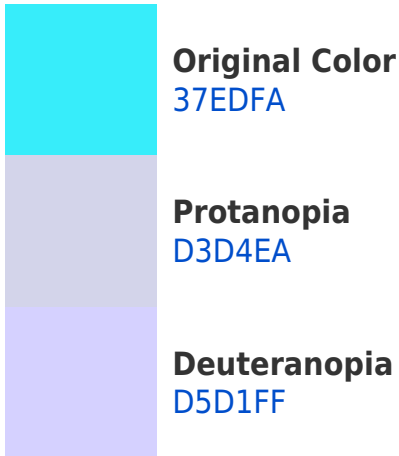


This preview shows how white text looks on a background with the Hex color 37EDFA.

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



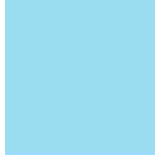


Tritanopia
3FECFF

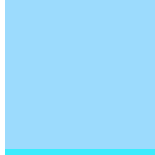
Trichromacy



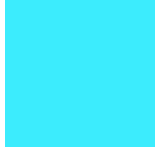
Original Color
37EDFA



Protanomaly
9ADDF0



Deuteranomaly
9CDBFD

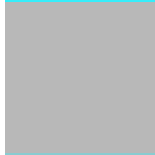


Tritanomaly
3CECFD

Monochromacy



Original Color
37EDFA



Achromatopsia
B8B8B8



Achromatomaly
89CBD0

CSS Examples

Text

The CSS property to change the color of the text to Hex 37EDFA 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 #37EDFA looks like.

```
.text, #text, p{  
    color:#37EDFA  
}
```

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 #37EDFA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37EDFA
}
```

Border

The CSS property to change the border of an element to Hex 37EDFA 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
#37EDFA }
```

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

```
.border{ border-color:#37EDFA }
```

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

Here you see how a box with a 4 pixel #37EDFA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37EDFA; -webkit-box-shadow:4px 4px  
4px 4px #37EDFA; box-shadow:4px 4px 4px  
4px #37EDFA }
```

Background

The CSS property to change the background color of an element to Hex 37EDFA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37EDFA }
```

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

```
.background{ background-color:#37EDFA }
```

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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