

Converting Colors

Hex(3B86EE)

Have a look what the booklet for
Hex(3B86EE) contains.

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Color

Hex(3B86EE)

Conversions

Conversions Part 1

Format	Color
Hex	3B86EE
RGB	59, 134, 238
RGB Percent	23%, 53%, 93%
CMY	0.7686, 0.4745, 0.0667
CMYK	0.75, 0.44, 0.00, 0.07
HSL	215°, 84%, 58%
HSV	215°, 75%, 93%
XYZ	25.7613, 24.1530, 84.1932
YIQ	123.4310, -78.0840, 16.4440

Conversions

Conversions Part 2

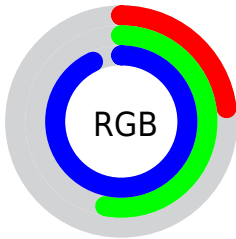
Format	Color
R_{YB}	59, 112, 238
Decimal	3901166
CIE _{Lab}	56.24, 12.20, -59.02
CIE _{LCh}	56, 60.264, 281.676
Yxy	24.1530, 0.1921, 0.1801
Android (android.graphics.Color)	4282091246 (0xFF3B86EE)
YUV	123.4310, 56.4825, -56.5060
Hunter-Lab	49.1458, 7.5615, -67.1696

Details

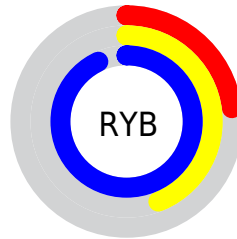
The Hex color **3B86EE** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle washed azure. A complement of this color would be **EEA33B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **81BBFF**, and **0055B5** is the 20% darker color. If you saturate the color by 10%, you get **2378EE**, and if you desaturate by 10%, it is **5394EE**.

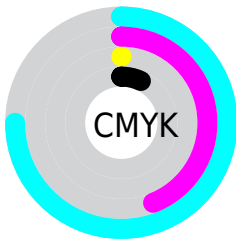
Distribution



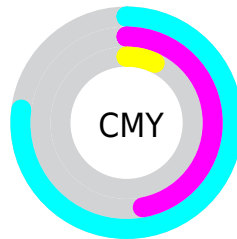
- Red (23%)
- Green (53%)
- Blue (93%)



- Red (23%)
- Yellow (44%)
- Blue (93%)



- Cyan (75%)
- Magenta (44%)
- Yellow (0%)
- Black (7%)



- Cyan (77%)
- Magenta (47%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B86EE 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 3B86EE by changing the saturation by 10% instead.

 3B86EE

 3B86EE

FFFFFF

 006DD1


 81BBFF

 0055B5

 A0D6FF

 003F9A

 BFF2FF


 002A7F

 DEFFFF

 001866

 FDFFFF

 000A4D

 000535

 00021F

 000002

■ 3B86EE

■ 3B86EE

■ 2378EE

■ 5394EE

■ 0B6AEE

■ 6BA2EE

■ 0064EE

■ 82AFEE

■ 9ABDEE

■ B2CBEE

■ CAD9EE

■ E2E7EE

■ F9F5EE

■ FFFFEE

Harmonies

Analogous

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



0095EA



3B86EE



A370D6

Triad

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



3B86EE



DA6243



009D64

Complementary

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



3B86EE



EEA33B

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.



539732



3B86EE



BB7819

Square

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



3B86EE



E55375



8E8B08



009F9A

Rectangle

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



3B86EE



C860B9



8E8B08



009C52

Sweetspot

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



3B86EE



C4DDFF



3BEEA0



5C6B80



000000



808080

Same Dimension

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



3B86EE



197AFF



473BEE



6C7178



004DB8



001838

Inverse Universe

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



EE3B86



FF197A



E2EE3B



786C71



B8004D



380018

Previews

White Background



This preview shows how the Hex color 3B86EE looks on a white background.

Color Contrast Check

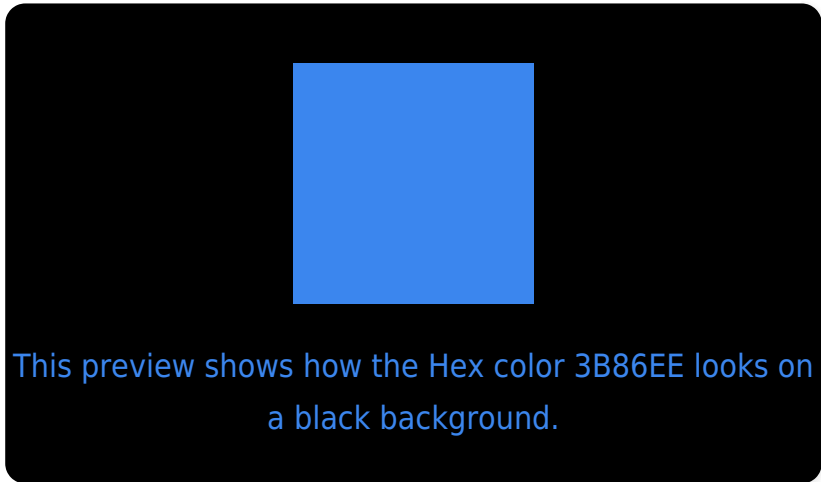
Large Text (above 18pt) WCAG AA ✓ Pass

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

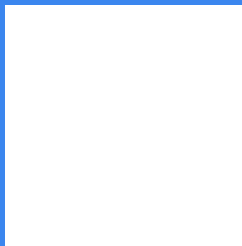
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 3B86EE Background



This preview shows how black text looks on a background with the Hex color 3B86EE.



This preview shows how white text looks on a background with the Hex color 3B86EE.

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](#).

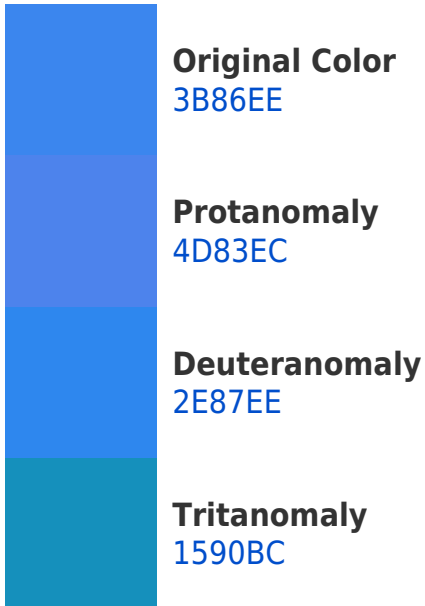
Dichromacy



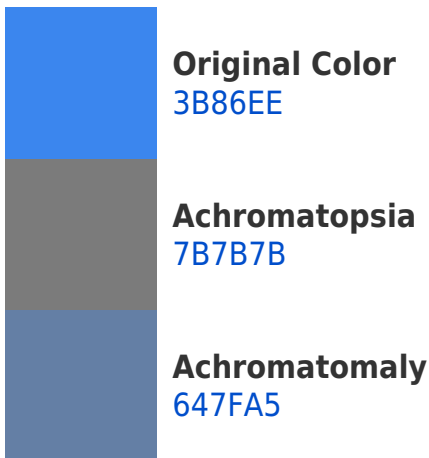


Tritanopia
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3B86EE 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 #3B86EE looks like.

```
.text, #text, p{  
    color:#3B86EE  
}
```

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 #3B86EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B86EE
}
```

Border

The CSS property to change the border of an element to Hex 3B86EE 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
#3B86EE }
```

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

```
.border{ border-color:#3B86EE }
```

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

Here you see how a box with a 4 pixel #3B86EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B86EE; -webkit-box-shadow:4px 4px  
4px 4px #3B86EE; box-shadow:4px 4px 4px  
4px #3B86EE }
```

Background

The CSS property to change the background color of an element to Hex 3B86EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B86EE }
```

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

```
.background{ background-color:#3B86EE }
```

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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