

Converting Colors

Hex(3D94EE)

Have a look what the booklet for
Hex(3D94EE) contains.

Hex(3D94EE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3D94EE)

Conversions

Conversions Part 1

Format	Color
Hex	3D94EE
RGB	61, 148, 238
RGB Percent	24%, 58%, 93%
CMY	0.7608, 0.4196, 0.0667
CMYK	0.74, 0.38, 0.00, 0.07
HSL	211°, 84%, 59%
HSV	211°, 74%, 93%
XYZ	27.9470, 28.3450, 84.8871
YIQ	132.2470, -80.7420, 9.5460

Conversions

Conversions Part 2

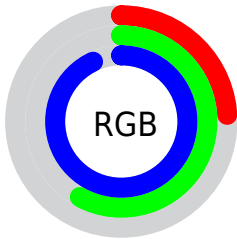
Format	Color
R _Y B	61, 119, 238
Decimal	4035822
CIE Lab	60.20, 4.04, -52.70
CIE LCh	60, 52.850, 274.382
Yxy	28.3450, 0.1980, 0.2008
Android (android.graphics.Color)	4282225902 (0xFF3D94EE)
YUV	132.2470, 52.1362, -62.4836
Hunter-Lab	53.2400, 0.5291, -57.2654

Details

The Hex color **3D94EE** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **EE973D**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **82CAFF**, and **0062B5** is the 20% darker color. If you saturate the color by 10%, you get **2588EE**, and if you desaturate by 10%, it is **55A0EE**.

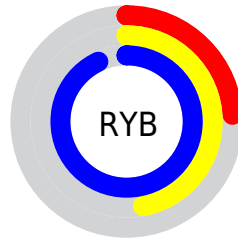
Distribution



Red (24%)

Green (58%)

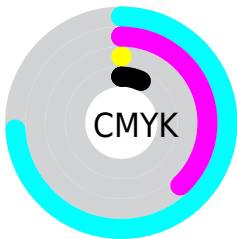
Blue (93%)



Red (24%)

Yellow (47%)

Blue (93%)

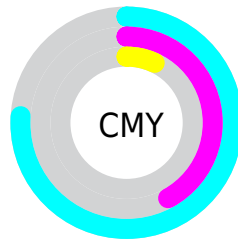


Cyan (74%)

Magenta (38%)

Yellow (0%)

Black (7%)



Cyan (76%)

Magenta (42%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D94EE 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 3D94EE by changing the saturation by 10% instead.

 3D94EE

 3D94EE

FFFFFF

 007AD1

 82CAFF

 0062B5

 A1E6FF

 004B9A

 C0FFFF

 003580

 DFFFFF

 002166

FEFFFF

 00074E

 000536

 000220

 000003

■ 3D94EE

■ 3D94EE

■ 2588EE

■ 55A0EE

■ 0D7CEE

■ 6DACEE

■ 0075EE

■ 84B8EE

■ 9CC4EE

■ B4D1EE

■ CCDDEE

■ E4E9EE

■ FBF5EE

■ FFFFEE

Harmonies

Analogous

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



00A0E5



3D94EE



9C82DE

Triad

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



3D94EE



E26F5F



2AA567

Complementary

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



3D94EE



EE973D

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.



749D40



3D94EE



CA803C

Square

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



3D94EE



E6678C



A4912D



00A897

Rectangle

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



3D94EE



C275C8



A4912D



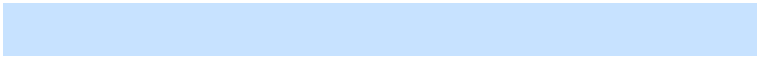
4AA358

Sweetspot

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



3D94EE



C7E2FF



3DEE96



5E6F80



000000



808080

Same Dimension

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



3D94EE



1C8CFF



3D3DEE



6C7278



005AB8



001C38

Inverse Universe

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



EE3D94



FF1C8C



EEEE3D



786C72



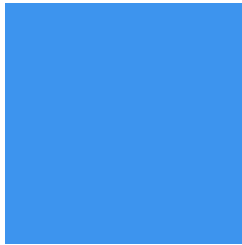
B8005A



38001C

Previews

White Background



This preview shows how the Hex color 3D94EE looks on a white background.

Color Contrast Check

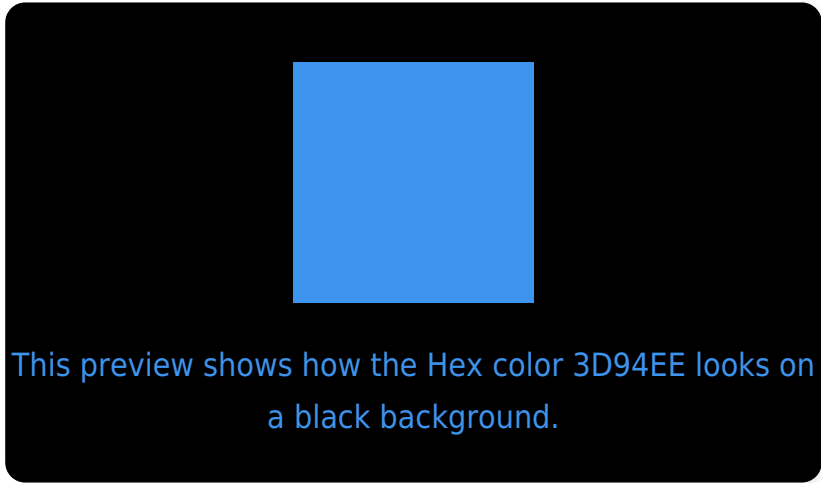
Large Text (above 18pt) WCAG AA ✓ Pass

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

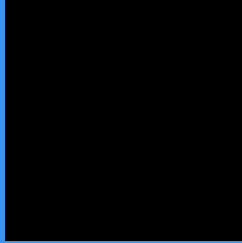
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

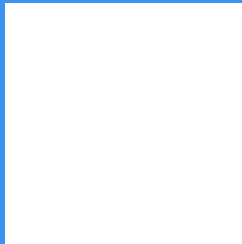
Any Text WCAG AAA × Fail

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

Hex 3D94EE Background



This preview shows how black text looks on a background with the Hex color 3D94EE.

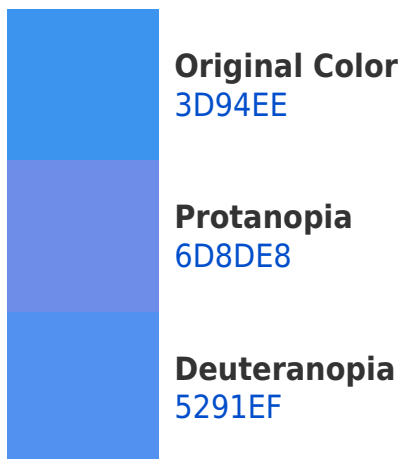


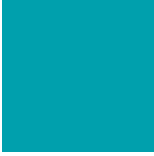
This preview shows how white text looks on a background with the Hex color 3D94EE.

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](#).

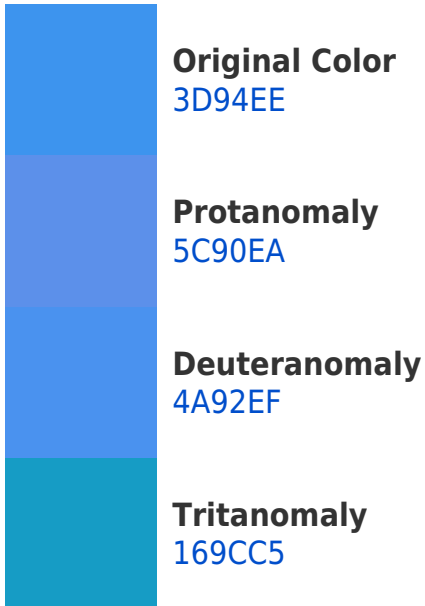
Dichromacy



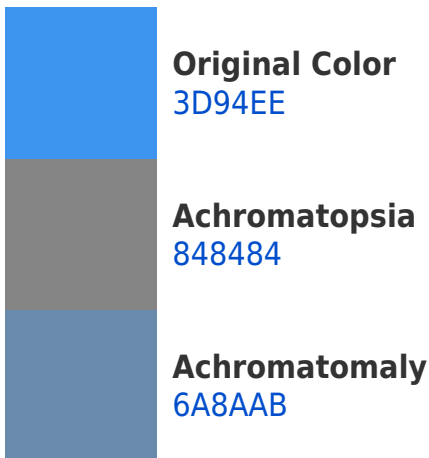


Tritanopia
00A0AD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3D94EE 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 #3D94EE looks like.

```
.text, #text, p{  
    color:#3D94EE  
}
```

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 #3D94EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D94EE
}
```

Border

The CSS property to change the border of an element to Hex 3D94EE 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
#3D94EE }
```

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

```
.border{ border-color:#3D94EE }
```

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

Here you see how a box with a 4 pixel #3D94EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D94EE; -webkit-box-shadow:4px 4px  
4px 4px #3D94EE; box-shadow:4px 4px 4px  
4px #3D94EE }
```

Background

The CSS property to change the background color of an element to Hex 3D94EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D94EE }
```

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

```
.background{ background-color:#3D94EE }
```

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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