

Converting Colors

Hex(3EA5D5)

Have a look what the booklet for
Hex(3EA5D5) contains.

Hex(3EA5D5)	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(3EA5D5)

Conversions

Conversions Part 1

Format	Color
Hex	3EA5D5
RGB	62, 165, 213
RGB Percent	24%, 65%, 84%
CMY	0.7569, 0.3529, 0.1647
CMYK	0.71, 0.23, 0.00, 0.16
HSL	199°, 64%, 54%
HSV	199°, 71%, 84%
XYZ	27.4520, 32.7385, 67.8231
YIQ	139.6750, -76.7960, -6.9080

Conversions

Conversions Part 2

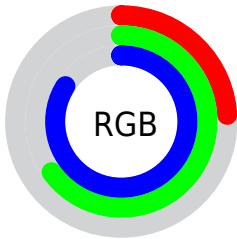
Format	Color
R _Y B	62, 123, 213
Decimal	4105685
CIE Lab	63.95, -14.10, -32.96
CIE LCh	64, 35.852, 246.844
Yxy	32.7385, 0.2144, 0.2557
Android (android.graphics.Color)	4282295765 (0xFF3EA5D5)
YUV	139.6750, 36.1492, -68.1210
Hunter-Lab	57.2176, -14.4896, -30.2274

Details

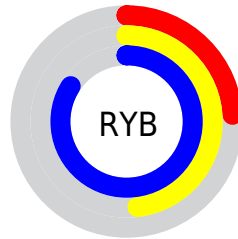
The Hex color **3EA5D5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **D56E3E**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7FDCFF**, and **00719E** is the 20% darker color. If you saturate the color by 10%, you get **299ED5**, and if you desaturate by 10%, it is **53ACD5**.

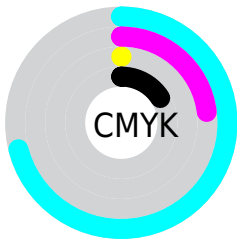
Distribution



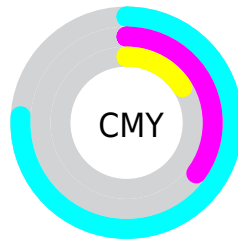
- Red (24%)
- Green (65%)
- Blue (84%)



- Red (24%)
- Yellow (48%)
- Blue (84%)



- Cyan (71%)
- Magenta (23%)
- Yellow (0%)
- Black (16%)



- Cyan (76%)
- Magenta (35%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA5D5 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 3EA5D5 by changing the saturation by 10% instead.

■ 3EA5D5

■ 3EA5D5

FFFFFF

■ 078BB9

■ 7FDCFF

■ 00719E

■ 9DF9FF

■ 005984

■ BBFFFF

■ 00416A

■ DAFFFF

■ 002B52

■ F8FFFF

■ 00183B

■ 000225

■ 00010D

■ 000000

■ 3EA5D5

■ 3EA5D5

■ 299ED5

■ 53ACD5

■ 1397D5

■ 69B3D5

■ 0091D5

■ 7EB9D5

■ 93C0D5

■ A9C7D5

■ BECED5

■ D3D4D5

■ E8DBD5

■ FEE2D5

Harmonies

Analogous

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



00ABC0



3EA5D5



789CDA

Triad

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



3EA5D5



D88295



86A467

Complementary

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



3EA5D5



D56E3E

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.



A99B5B



3EA5D5



D68676

Square

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



3EA5D5



C986B5



C59061



5FAA81

Rectangle

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



3EA5D5



9A94D4



C59061



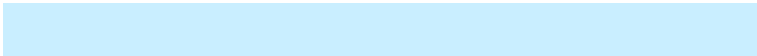
92A261

Sweetspot

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



3EA5D5



C9EEFF



3ED56E



607580



000000



808080

Same Dimension

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



3EA5D5



26BAFF



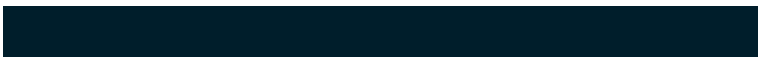
3E5AD5



60686B



0075AB



001E2B

Inverse Universe

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



D53EA5



FF26BA



D5B93E



6B6068



AB0075



2B001E

Previews

White Background



This preview shows how the Hex color 3EA5D5 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 3EA5D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

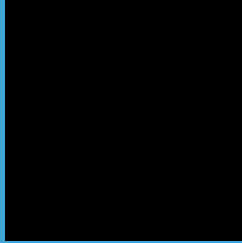
Any Text WCAG AA ✓ Pass

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 3EA5D5 Background



This preview shows how black text looks on a background with the Hex color 3EA5D5.

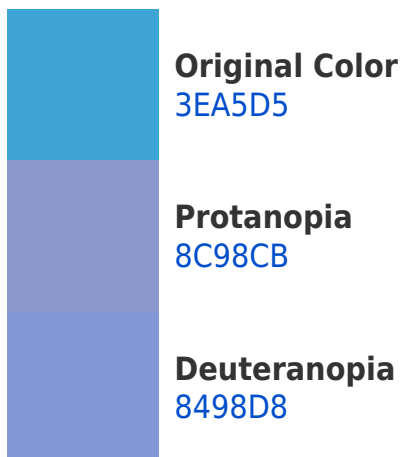


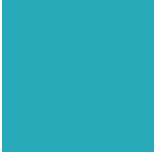
This preview shows how white text looks on a background with the Hex color 3EA5D5.

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](#).

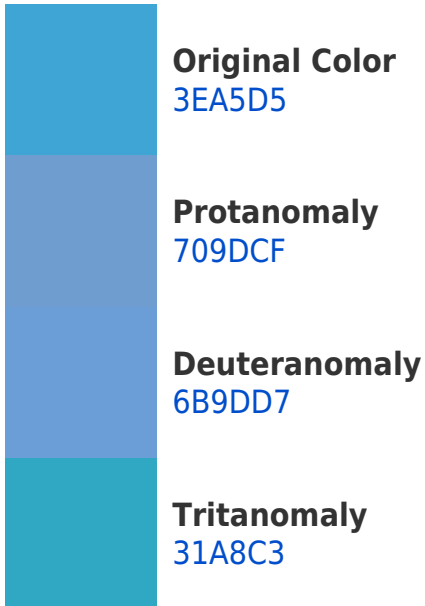
Dichromacy



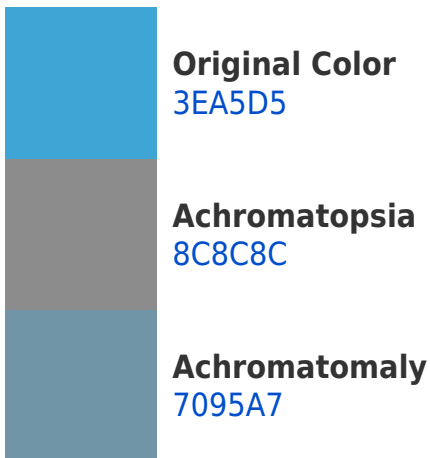


Tritanopia
29AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA5D5 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 #3EA5D5 looks like.

```
.text, #text, p{  
    color:#3EA5D5  
}
```

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 #3EA5D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA5D5
}
```

Border

The CSS property to change the border of an element to Hex 3EA5D5 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
#3EA5D5 }
```

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

```
.border{ border-color:#3EA5D5 }
```

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

Here you see how a box with a 4 pixel #3EA5D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA5D5; -webkit-box-shadow:4px 4px  
4px 4px #3EA5D5; box-shadow:4px 4px 4px  
4px #3EA5D5 }
```

Background

The CSS property to change the background color of an element to Hex 3EA5D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA5D5 }
```

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

```
.background{ background-color:#3EA5D5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor