

# Converting Colors

Hex(35A1E0)

Have a look what the booklet for  
Hex(35A1E0) contains.

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# **Color**

**Hex(35A1E0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	35A1E0
RGB	53, 161, 224
RGB Percent	21%, 63%, 88%
CMY	0.7922, 0.3686, 0.1216
CMYK	0.76, 0.28, 0.00, 0.12
HSL	202°, 73%, 54%
HSV	202°, 76%, 88%
XYZ	27.6676, 31.6284, 75.1677
YIQ	135.8900, -84.5910, -3.3030

# Conversions

## Conversions Part 2

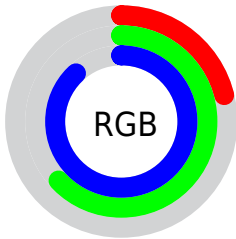
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 119, 224
Decimal	3514848
CIE Lab	63.03, -9.30, -40.49
CIE LCh	63, 41.548, 257.072
Yxy	31.6284, 0.2058, 0.2352
Android (android.graphics.Color)	4281704928 (0xFF35A1E0)
YUV	135.8900, 43.4382, -72.6945
Hunter-Lab	56.2392, -10.6031, -39.8779

# Details

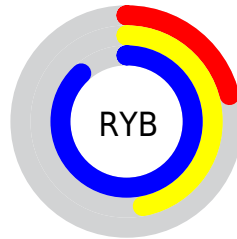
The Hex color **35A1E0** is a light color, and the websafe version is hex **3399CC**. The color can be described as light washed azure. A complement of this color would be **E07435**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **7BD8FF**, and **006EA8** is the 20% darker color. If you saturate the color by 10%, you get **1F99E0**, and if you desaturate by 10%, it is **4BA9E0**.

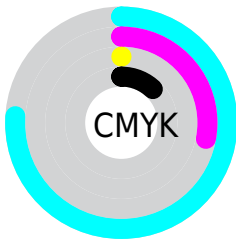
# Distribution



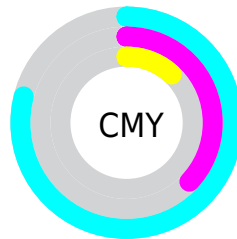
- Red (21%)
- Green (63%)
- Blue (88%)



- Red (21%)
- Yellow (47%)
- Blue (88%)



- Cyan (76%)
- Magenta (28%)
- Yellow (0%)
- Black (12%)



- Cyan (79%)
- Magenta (37%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 35A1E0 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 35A1E0 by changing the saturation by 10% instead.



 35A1E0

 35A1E0

FFFFFF

 0087C4

 7BD8FF

 006EA8

 9AF4FF

 00568E

 B9FFFF

 003F74

 D7FFFF

 00295B

 F6FFFF

 001543

 00032C

 000117

 000000

■ 35A1E0

■ 35A1E0

■ 1F99E0

■ 4BA9E0

■ 0890E0

■ 62B2E0

■ 008DE0

■ 78BAE0

■ 8FC2E0

■ A5CAE0

■ BBD3E0

■ D2DBE0

■ E8E3E0

■ FFEBE0

# Harmonies

## Analogous

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



00A9CE



35A1E0



8395DF

# Triad

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



35A1E0



DF7B85



71A665

# Complementary

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



35A1E0



E07435

# 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.



9B9D50



35A1E0



D68464

# Square

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



35A1E0



D67CAA



BD9150



39AB87

# Rectangle

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



35A1E0



A88CD4



BD9150



80A35C

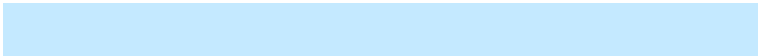


# Sweetspot

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



35A1E0



C4E9FF



35E074



5C7280



000000



808080

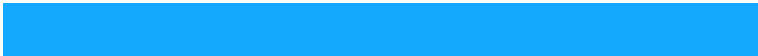


# Same Dimension

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



35A1E0



14A9FF



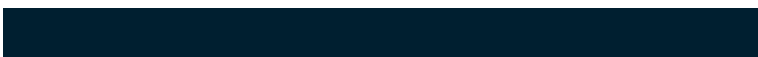
354CE0



656C70



006FB0



001F30



# Inverse Universe

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



E035A1



FF14A9



E0C935



70656C



B0006F

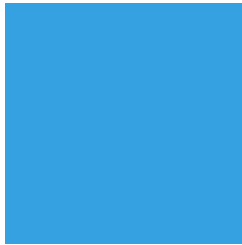


30001F



# Previews

## White Background



This preview shows how the Hex color 35A1E0 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 35A1E0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

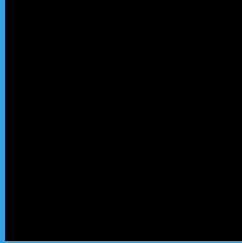
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

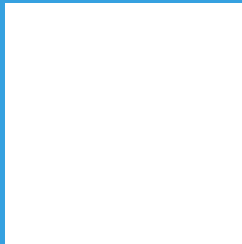
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 35A1E0 Background



This preview shows how black text looks on a background with the Hex color 35A1E0.

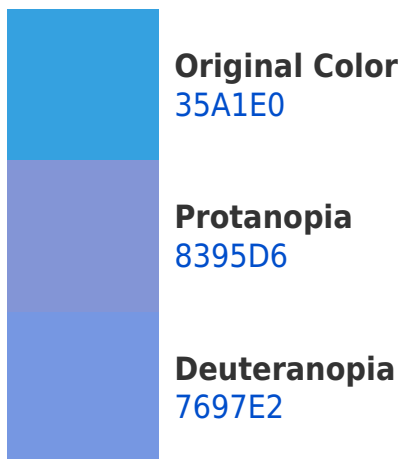


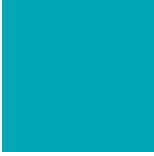
This preview shows how white text looks on a background with the Hex color 35A1E0.

# 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](#).

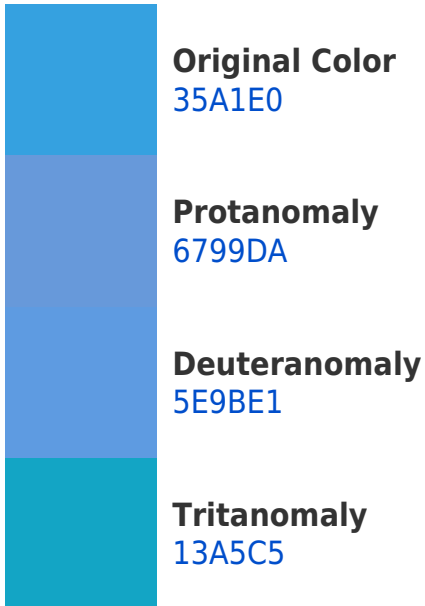
## Dichromacy



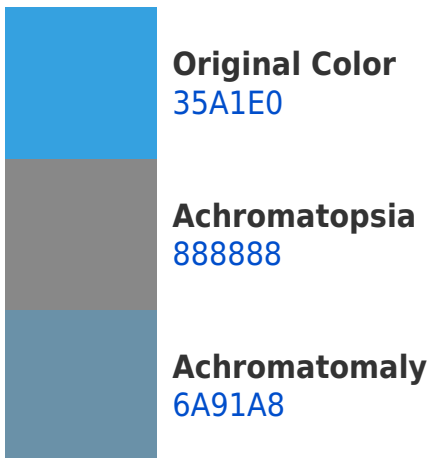


**Tritanopia**  
00A8B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 35A1E0 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 #35A1E0 looks like.

```
.text, #text, p{  
    color:#35A1E0  
}
```

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 #35A1E0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A1E0
}
```

## Border

The CSS property to change the border of an element to Hex 35A1E0 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
#35A1E0 }
```

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

```
.border{ border-color:#35A1E0 }
```

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

Here you see how a box with a 4 pixel #35A1E0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A1E0; -webkit-box-shadow:4px 4px  
4px 4px #35A1E0; box-shadow:4px 4px 4px  
4px #35A1E0 }
```

# Background

The CSS property to change the background color of an element to Hex 35A1E0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A1E0 }
```

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

```
.background{ background-color:#35A1E0 }
```

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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