

Converting Colors

Hex(35A6D3)

Have a look what the booklet for
Hex(35A6D3) contains.

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Color

Hex(35A6D3)

Conversions

Conversions Part 1

Format	Color
Hex	35A6D3
RGB	53, 166, 211
RGB Percent	21%, 65%, 83%
CMY	0.7922, 0.3490, 0.1725
CMYK	0.75, 0.21, 0.00, 0.17
HSL	197°, 64%, 52%
HSV	197°, 75%, 83%
XYZ	26.8623, 32.7325, 66.5302
YIQ	137.3430, -81.7930, -9.9610

Conversions

Conversions Part 2

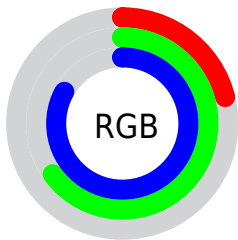
Format	Color
RYB	53, 119, 211
Decimal	3516115
CIELab	63.94, -16.46, -31.88
CIELCh	64, 35.878, 242.691
Yxy	32.7325, 0.2130, 0.2595
Android (android.graphics.Color)	4281706195 (0xFF35A6D3)
YUV	137.3430, 36.3129, -73.9688
Hunter-Lab	57.2123, -16.3123, -28.8977

Details

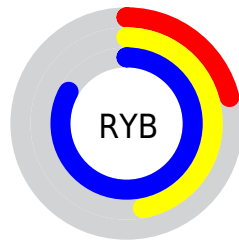
The Hex color **35A6D3** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **D36235**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **79DDFF**, and **00729C** is the 20% darker color. If you saturate the color by 10%, you get **20A0D3**, and if you desaturate by 10%, it is **4AACD3**.

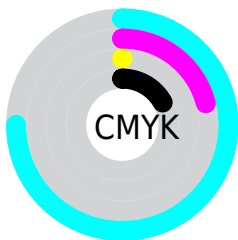
Distribution



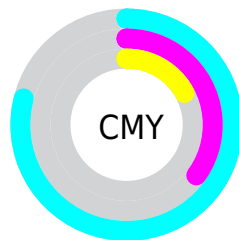
- Red (21%)
- Green (65%)
- Blue (83%)



- Red (21%)
- Yellow (47%)
- Blue (83%)



- Cyan (75%)
- Magenta (21%)
- Yellow (0%)
- Black (17%)




















- Cyan (79%)
- Magenta (35%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35A6D3 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 35A6D3 by changing the saturation by 10% instead.

 35A6D3	 35A6D3
 FFFFFFFF	 008CB7
 79DDFF	 00729C
 98FAFF	 005A82
 B6FFFF	 004269
 D4FFFF	 002C50
 F3FFFF	 001939
	 000223
	 00000A
	 000000

■ 35A6D3

■ 35A6D3

■ 20A0D3

■ 4AACD3

■ 0B9AD3

■ 5FB2D3

■ 0097D3

■ 74B8D3

■ 89BED3

■ 9FC4D3

■ B4CAD3

■ C9D0D3

■ DED6D3

■ F3DCD3

Harmonies

Analogous

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



00ABBC



35A6D3



719DDA

Triad

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



35A6D3



D78299



8BA364

Complementary

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



35A6D3



D36235

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.



AD9A5A



35A6D3



D7857A

Square

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



35A6D3



C687B9



C88F63



65A97D

Rectangle

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



35A6D3



9396D6



C88F63



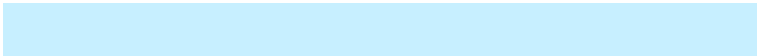
97A05F

Sweetspot

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



35A6D3



C7EFFF



35D362



5E7680



000000



808080

Same Dimension

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



35A6D3



19BEFF



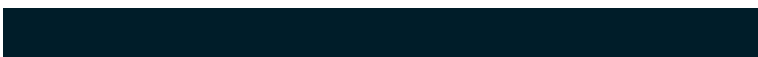
3557D3



5E6669



0078A8



001D29

Inverse Universe

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



D335A6



FF19BE



D3B135



695E66



A80078



29001D

Previews

White Background



This preview shows how the Hex color 35A6D3 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 35A6D3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

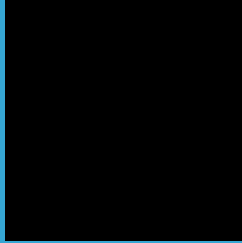
Any Text WCAG AA ✓ Pass

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 35A6D3 Background



This preview shows how black text looks on a background with the Hex color 35A6D3.

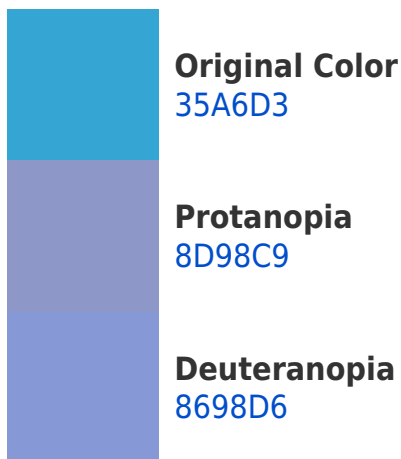


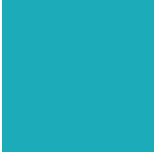
This preview shows how white text looks on a background with the Hex color 35A6D3.

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
1BABB9

Trichromacy



Original Color
35A6D3



Protanomaly
6D9DCD



Deuteranomaly
699DD5



Tritanomaly
24A9C2

Monochromacy



Original Color
35A6D3



Achromatopsia
898989



Achromatomaly
6A94A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 35A6D3 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 #35A6D3 looks like.

```
.text, #text, p{  
    color:#35A6D3  
}
```

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 #35A6D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35A6D3
}
```

Border

The CSS property to change the border of an element to Hex 35A6D3 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
#35A6D3 }
```

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

```
.border{ border-color:#35A6D3 }
```

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

Here you see how a box with a 4 pixel #35A6D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35A6D3; -webkit-box-shadow:4px 4px  
4px 4px #35A6D3; box-shadow:4px 4px 4px  
4px #35A6D3 }
```

Background

The CSS property to change the background color of an element to Hex 35A6D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35A6D3 }
```

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

```
.background{ background-color:#35A6D3 }
```

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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