

Converting Colors

Hex(36AAC0)

Have a look what the booklet for
Hex(36AAC0) contains.

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Color

Hex(36AAC0)

Conversions

Conversions Part 1

Format	Color
Hex	36AAC0
RGB	54, 170, 192
RGB Percent	21%, 67%, 75%
CMY	0.7882, 0.3333, 0.2471
CMYK	0.72, 0.11, 0.00, 0.25
HSL	190°, 56%, 48%
HSV	190°, 72%, 75%
XYZ	25.4105, 33.3395, 54.9651
YIQ	137.8240, -76.1980, -17.7500

Conversions

Conversions Part 2

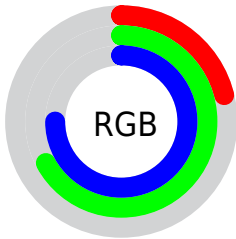
Format	Color
R _{YB}	54, 117, 192
Decimal	3582656
CIE _{Lab}	64.43, -24.60, -20.57
CIE _{LCh}	64, 32.064, 219.898
Y _{xy}	33.3395, 0.2235, 0.2932
Android (android.graphics.Color)	4281772736 (0xFF36AAC0)
YUV	137.8240, 26.7088, -73.5136
Hunter-Lab	57.7404, -22.4911, -16.0220

Details

The Hex color **36AAC0** is a dark color, and the websafe version is hex **339999**. The color can be described as middle muted azure. A complement of this color would be **C04C36**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **78E2F8**, and **00768A** is the 20% darker color. If you saturate the color by 10%, you get **23A7C0**, and if you desaturate by 10%, it is **49ADC0**.

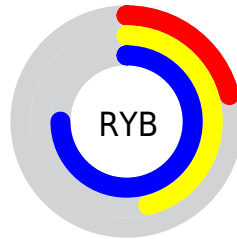
Distribution



Red (21%)

Green (67%)

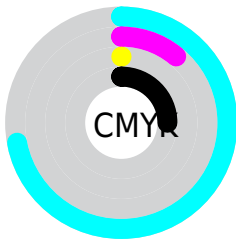
Blue (75%)



Red (21%)

Yellow (46%)

Blue (75%)

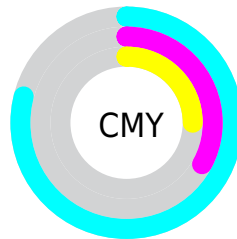


Cyan (72%)

Magenta (11%)

Yellow (0%)

Black (25%)



Cyan (79%)

Magenta (33%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36AAC0 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 36AAC0 by changing the saturation by 10% instead.

 36AAC0

 36AAC0

FFFFFF

 008FA5

 78E2F8

 00768A

 96FEFF

 005D71

 B3FFFF

 004558

 D1FFFF

 002E41

 F0FFFF

 001A2B

 000116

 000000

 36AAC0

 36AAC0

■ 23A7C0

■ 49ADC0

■ 10A4C0

■ 5CB0C0

■ 00A1C0

■ 70B3C0

■ 83B6C0

■ 96B9C0

■ A9BCC0

■ BCBFC0

■ D0C2C0

■ E3C6C0

Harmonies

Analogous

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



42ACA5



36AAC0



56A5D1

Triad

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



36AAC0



C889B1



A69E63

Complementary

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



36AAC0



C04C36

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.



C09467



36AAC0



D48694

Square

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



36AAC0



AC91C8



D18B79



87A56F

Rectangle

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



36AAC0



749FD5



D18B79



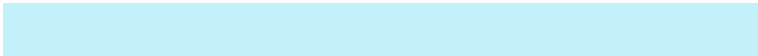
B09A63

Sweetspot

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



36AAC0



C3F1FA



36C04B



5C787D



FCFCFC



7D7D7D

Same Dimension

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



36AAC0



23D8FA



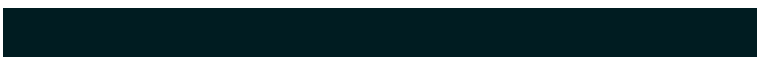
3666C0



575F61



0087A1



001C21

Inverse Universe

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



C036AA



FA23D8



C09036



61575F



A10087



21001C

Previews

White Background



This preview shows how the Hex color 36AAC0 looks on a white background.

Color Contrast Check

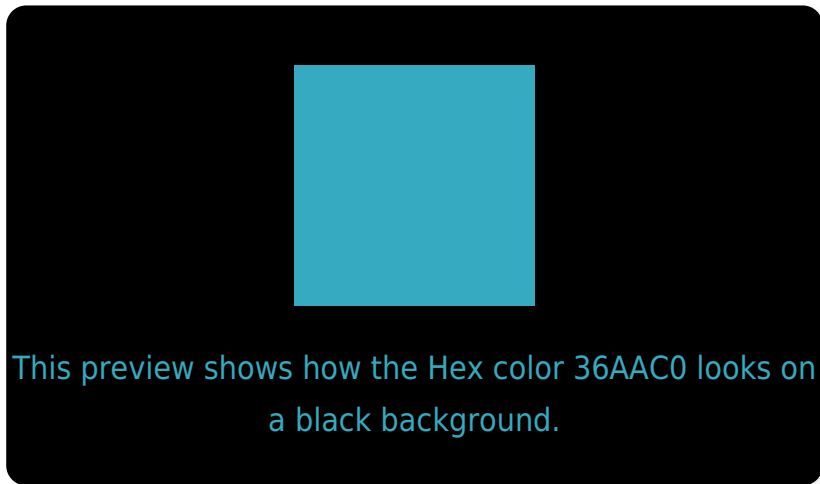
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

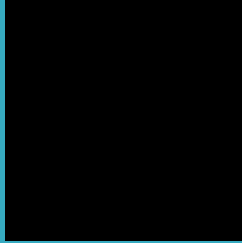
Any Text WCAG AA ✓ Pass

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 36AAC0 Background



This preview shows how black text looks on a background with the Hex color 36AAC0.

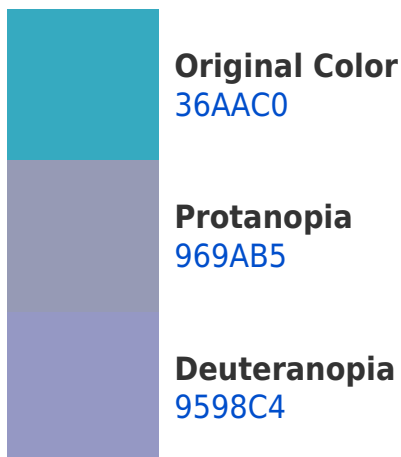


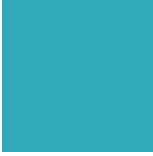
This preview shows how white text looks on a background with the Hex color 36AAC0.

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](#).

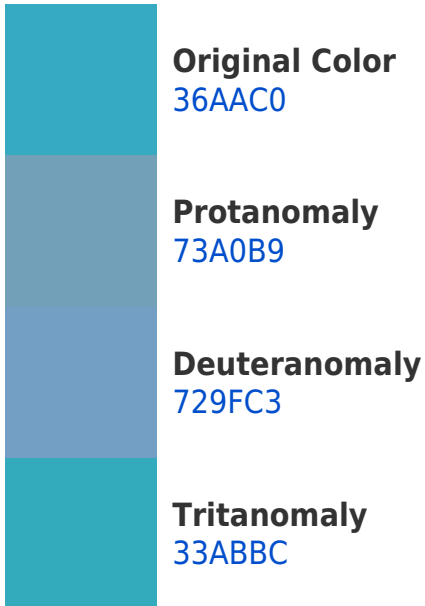
Dichromacy





Tritanopia
31ABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 36AAC0 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 #36AAC0 looks like.

```
.text, #text, p{  
    color:#36AAC0  
}
```

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 #36AAC0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36AAC0  
}
```

Border

The CSS property to change the border of an element to Hex 36AAC0 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  
#36AAC0 }
```

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

```
.border{ border-color:#36AAC0 }
```

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

Here you see how a box with a 4 pixel #36AAC0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36AAC0; -webkit-box-shadow:4px 4px  
4px 4px #36AAC0; box-shadow:4px 4px 4px  
4px #36AAC0 }
```

Background

The CSS property to change the background color of an element to Hex 36AAC0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36AAC0 }
```

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

```
.background{ background-color:#36AAC0 }
```

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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