

Converting Colors

Hex(36CBCE)

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

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Color

Hex(36CBCE)

Conversions

Conversions Part 1

Format	Color
Hex	36CBCE
RGB	54, 203, 206
RGB Percent	21%, 80%, 81%
CMY	0.7882, 0.2039, 0.1922
CMYK	0.74, 0.01, 0.00, 0.19
HSL	181°, 61%, 51%
HSV	181°, 74%, 81%
XYZ	34.0178, 47.9524, 65.8553
YIQ	158.7910, -89.7670, -30.6550

Conversions

Conversions Part 2

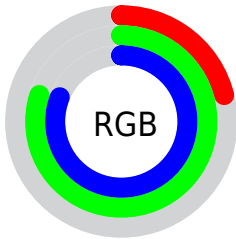
Format	Color
R _{YB}	54, 129, 206
Decimal	3591118
CIE _{Lab}	74.79, -36.36, -12.59
CIE _{LCh}	75, 38.479, 199.106
Y _{xy}	47.9524, 0.2301, 0.3244
Android (android.graphics.Color)	4281781198 (0xFF36CBCE)
YUV	158.7910, 23.2740, -91.9017
Hunter-Lab	69.2477, -33.4955, -7.9121

Details

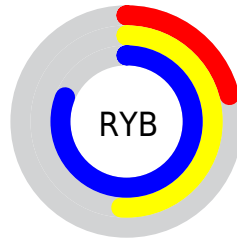
The Hex color **36CBCE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **CE3936**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **7DFFFF**, and **009498** is the 20% darker color. If you saturate the color by 10%, you get **21CBCE**, and if you desaturate by 10%, it is **4BCBCE**.

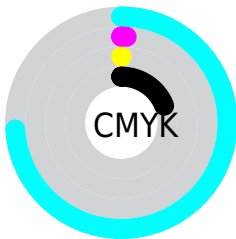
Distribution



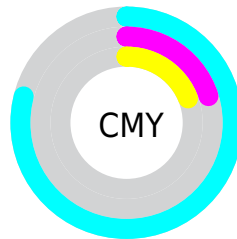
- Red (21%)
- Green (80%)
- Blue (81%)



- Red (21%)
- Yellow (51%)
- Blue (81%)



- Cyan (74%)
- Magenta (1%)
- Yellow (0%)
- Black (19%)



- Cyan (79%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 36CBCE

 36CBCE

FFFFFF

 00AFB3

 7DFFFF

 009498

 9CFFFF

 007A7E

 BBFFFF

 006165

 D9FFFF

 00484D

 F8FFFF

 003136

 001A21

 000009

 000000

 36CBCE

 36CBCE

 21CBCE

 4BCBCE

 0DCACE

 5FCCCE

 00CACE

 74CCCE

 88CDCE

 9DCDCE

 B2CDCE

 C6CECE

 DBCECE

 EFCFCE

Harmonies

Analogous

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



64CAAA



36CBCE



37C7ED

Triad

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



36CBCE



D8A7E7



DBB173

Complementary

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



36CBCE



CE3936

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.



F4A584



36CBCE



F59EC7

Square

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



36CBCE



AAB4FB



FE9EA3



B9BD74

Rectangle

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



36CBCE



5CC3F9



FE9EA3



E5AD76

Sweetspot

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



36CBCE



C7FEFF



36CE39



5E7F80



000000



808080

Same Dimension

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



36CBCE



1CFBFF



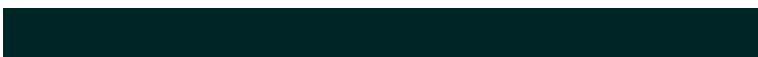
367FCE



5C6666



00A2A6



002526

Inverse Universe

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



CE36CB



FF1CFB



CE8536



665C66



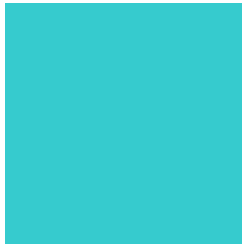
A600A2



260025

Previews

White Background



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

Color Contrast Check

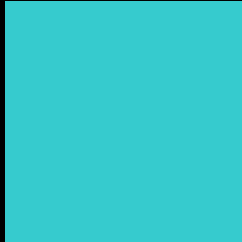
Large Text (above 18pt) WCAG AA × Fail

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 36CBCE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

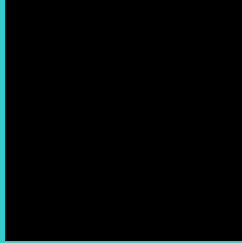
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

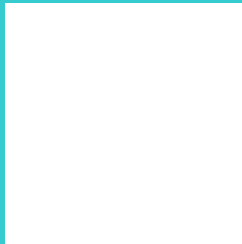
Any Text WCAG AAA ✓ Pass

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

Hex 36CBCE Background



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



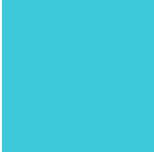
This preview shows how white text looks on a background with the Hex color 36CBCE.

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
3EC9DA

Trichromacy



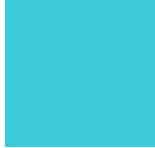
Original Color
36CBCE



Protanomaly
88BDC6



Deuteranomaly
8BBBD1

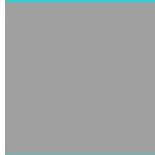


Tritanomaly
3BCAD6

Monochromacy



Original Color
36CBCE



Achromatopsia
9F9F9F



Achromatomaly
79AFB0

CSS Examples

Text

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

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

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 #36CBCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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