

Converting Colors

Hex(36ABBE)

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

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Color

Hex(36ABBE)

Conversions

Conversions Part 1

Format	Color
Hex	36ABBE
RGB	54, 171, 190
RGB Percent	21%, 67%, 75%
CMY	0.7882, 0.3294, 0.2549
CMYK	0.72, 0.10, 0.00, 0.25
HSL	188°, 56%, 48%
HSV	188°, 72%, 75%
XYZ	25.3785, 33.6278, 53.8684
YIQ	138.1830, -75.8310, -18.8950

Conversions

Conversions Part 2

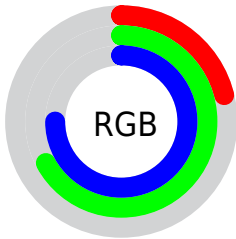
Format	Color
R _{YB}	54, 117, 190
Decimal	3582910
CIE _{Lab}	64.67, -25.73, -19.10
CIE _{LCh}	65, 32.046, 216.589
Yxy	33.6278, 0.2248, 0.2979
Android (android.graphics.Color)	4281772990 (0xFF36ABBE)
YUV	138.1830, 25.5458, -73.8285
Hunter-Lab	57.9895, -23.3629, -14.4839

Details

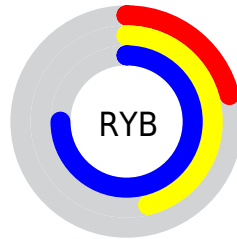
The Hex color **36ABBE** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **BE4936**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **77E3F6**, and **007689** is the 20% darker color. If you saturate the color by 10%, you get **23A8BE**, and if you desaturate by 10%, it is **49AEBE**.

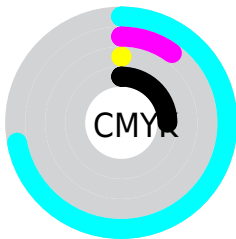
Distribution



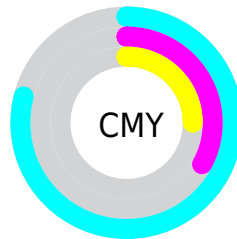
- Red (21%)
- Green (67%)
- Blue (75%)



- Red (21%)
- Yellow (46%)
- Blue (75%)



- Cyan (72%)
- Magenta (10%)
- Yellow (0%)
- Black (25%)



- Cyan (79%)
- Magenta (33%)
- Yellow (25%)

Brightness & Saturation Gradients

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

 36ABBE

 36ABBE


FFFFFF

 0090A3

 77E3F6

 007689

 95FFFF

 005D6F

 B3FFFF

 004557

 D1FFFF

 002F3F

 EFFFFFF

 001A29

 000115

 000000

 36ABBE

 36ABBE

■ 23A8BE

■ 49AEBE

■ 10A6BE

■ 5CB0BE

■ 00A3BE

■ 6FB3BE

■ 82B6BE

■ 95B8BE

■ A8BBBE

■ BBBEBE

■ CEC0BE

■ E1C3BE

Harmonies

Analogous

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



47ACA2



36ABBE



52A6D1

Triad

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



36ABBE



C68AB4



AA9D63

Complementary

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



36ABBE



BE4936

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.



C39369



36ABBE



D48797

Square

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



36ABBE



A993CB



D38B7C



8BA56E

Rectangle

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



36ABBE



70A1D6



D38B7C



B39A64

Sweetspot

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



36ABBE



C3F0F7



36BE48



5E797D



FCFCFC



7D7D7D

Same Dimension

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



36ABBE



23DAF7



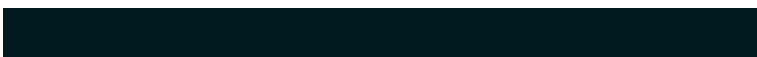
3668BE



555D5E



00889E



001A1F

Inverse Universe

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



BE36AB



F723DA



BE8C36



5E555D



9E0088



1F001A

Previews

White Background



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

Color Contrast Check

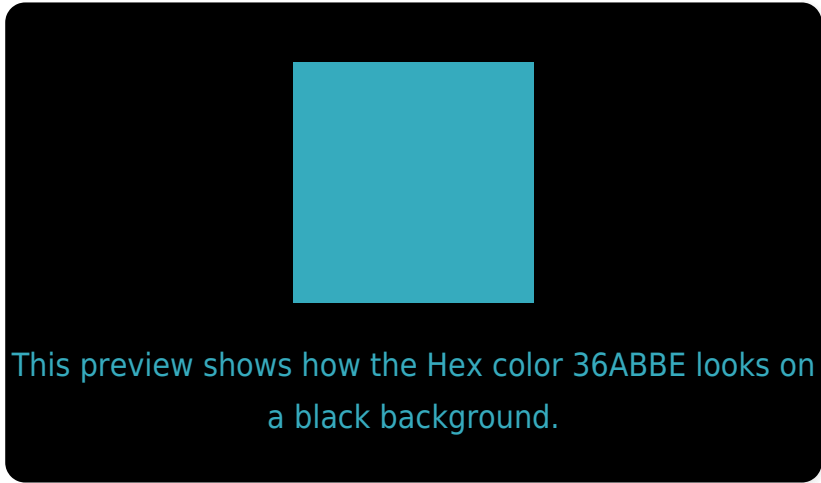
Large Text (above 18pt) WCAG AA × Fail

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 36ABBE Background



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

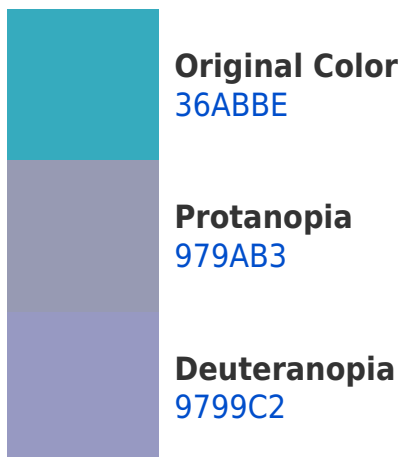


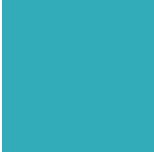
This preview shows how white text looks on a background with the Hex color 36ABBE.

Color Blindness Simulation

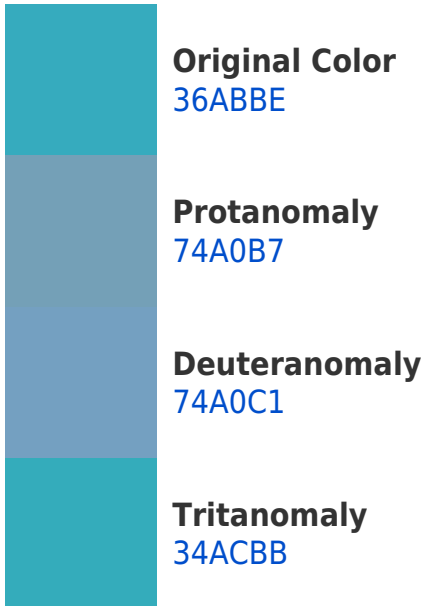
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

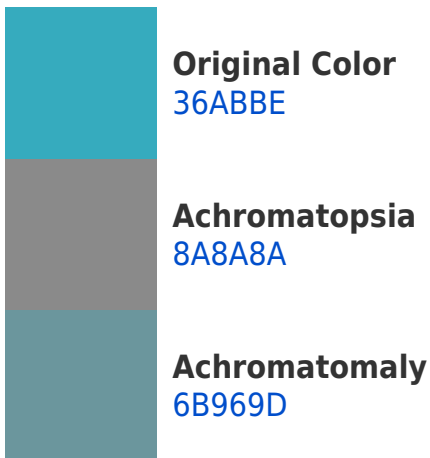




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #36ABBE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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