

# Converting Colors

Hex(36BAE2)

Have a look what the booklet for  
Hex(36BAE2) contains.

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# **Color**

**Hex(36BAE2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36BAE2
RGB	54, 186, 226
RGB Percent	21%, 73%, 89%
CMY	0.7882, 0.2706, 0.1137
CMYK	0.76, 0.18, 0.00, 0.11
HSL	194°, 75%, 55%
HSV	194°, 76%, 89%
XYZ	32.8077, 41.3931, 78.2120
YIQ	151.0920, -91.5120, -15.5440

# Conversions

## Conversions Part 2

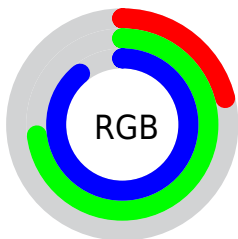
Format	Color
R <sub>YB</sub>	54, 129, 226
Decimal	3586786
CIE <sub>Lab</sub>	70.45, -21.89, -30.06
CIE <sub>LCh</sub>	70, 37.191, 233.936
Yxy	41.3931, 0.2153, 0.2716
Android (android.graphics.Color)	4281776866 (0xFF36BAE2)
YUV	151.0920, 36.9296, -85.1497
Hunter-Lab	64.3374, -21.5677, -27.0399

# Details

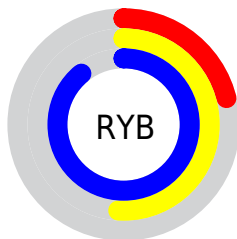
The Hex color **36BAE2** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E25E36**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7DF2FF**, and **0085AB** is the 20% darker color. If you saturate the color by 10%, you get **1FB5E2**, and if you desaturate by 10%, it is **4DBFE2**.

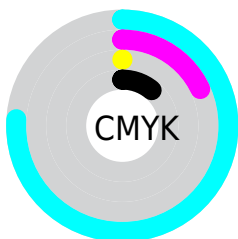
# Distribution



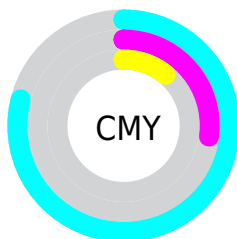
- Red (21%)
- Green (73%)
- Blue (89%)



- Red (21%)
- Yellow (51%)
- Blue (89%)



- Cyan (76%)
- Magenta (18%)
- Yellow (0%)
- Black (11%)



- Cyan (79%)
- Magenta (27%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 36BAE2 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 36BAE2 by changing the saturation by 10% instead.



36BAE2

36BAE2

FFFFFF

009FC6

7DF2FF

0085AB

9DFFFF

006B90

BCFFFF

005376

DAFFFF

003C5D

F9FFFF

002645

00072F

00011A

000000

 36BAE2

 36BAE2

 1FB5E2

 4DBFE2

 09AFE2

 63C5E2

 00ADE2

 7ACAE2

 90CFE2

 A7D4E2

 BEDAE2

 D4DFE2

 EBE4E2

 FFE9E2

# Harmonies

## Analogous

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



27BEC7



36BAE2



70B2EF

# Triad

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



36BAE2



E993B5



A7B36D

# Complementary

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



36BAE2



E25E36

# 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.



C9A869



36BAE2



EE9493

# Square

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



36BAE2



D09AD4



E29C77



80BA83

# Rectangle

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



36BAE2



95AAEE



E29C77



B3AF6A

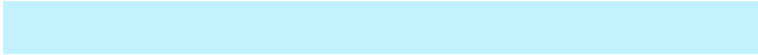


# Sweetspot

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



36BAE2



C4F1FF



36E25B



5C7780



000000



808080

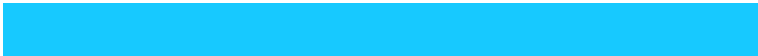


# Same Dimension

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



36BAE2



17C9FF



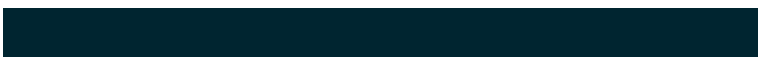
3667E2



656E70



0087B0



002530



# Inverse Universe

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



E236BA



FF17C9



E2B136



70656E



B00087



300025



# Previews

## White Background



This preview shows how the Hex color 36BAE2 looks on a white background.

## Color Contrast Check

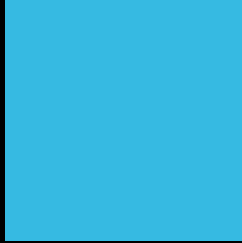
Large Text (above 18pt) WCAG AA × Fail

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 36BAE2 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 36BAE2 Background



This preview shows how black text looks on a background with the Hex color 36BAE2.



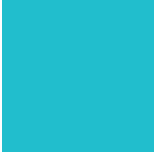
This preview shows how white text looks on a background with the Hex color 36BAE2.

# Color Blindness Simulation

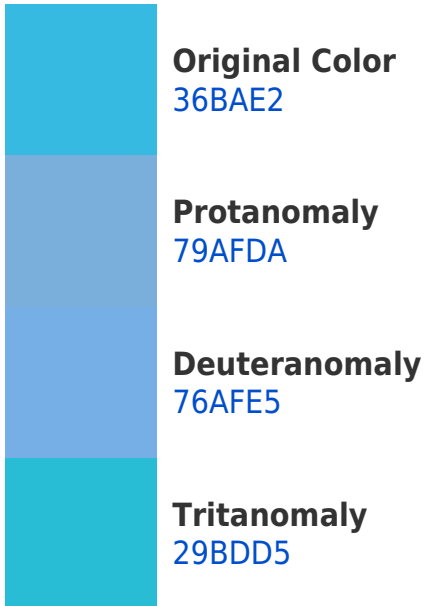
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

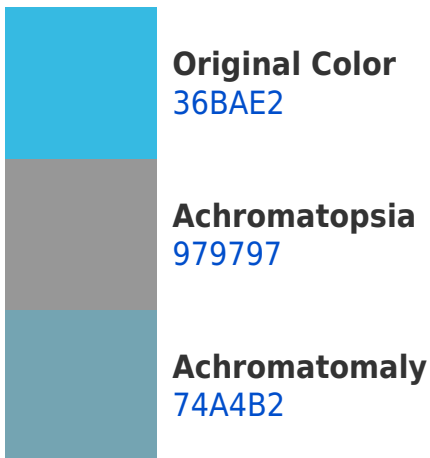




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 36BAE2 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 #36BAE2 looks like.

```
.text, #text, p{  
    color:#36BAE2  
}
```

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 #36BAE2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36BAE2
}
```

## Border

The CSS property to change the border of an element to Hex 36BAE2 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
#36BAE2 }
```

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

```
.border{ border-color:#36BAE2 }
```

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

Here you see how a box with a 4 pixel #36BAE2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36BAE2; -webkit-box-shadow:4px 4px  
4px 4px #36BAE2; box-shadow:4px 4px 4px  
4px #36BAE2 }
```

# Background

The CSS property to change the background color of an element to Hex 36BAE2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36BAE2 }
```

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

```
.background{ background-color:#36BAE2 }
```

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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