

Converting Colors

Hex(3EB2A5)

Have a look what the booklet for
Hex(3EB2A5) contains.

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Color

Hex(3EB2A5)

Conversions

Conversions Part 1

Format	Color
Hex	3EB2A5
RGB	62, 178, 165
RGB Percent	24%, 70%, 65%
CMY	0.7569, 0.3020, 0.3529
CMYK	0.65, 0.00, 0.07, 0.30
HSL	173°, 48%, 47%
HSV	173°, 65%, 70%
XYZ	24.6985, 35.5815, 41.1635
YIQ	141.8340, -64.9630, -28.6350

Conversions

Conversions Part 2

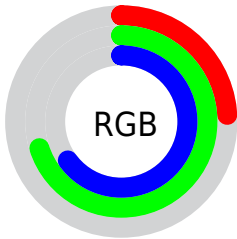
Format	Color
RYB	62, 123, 178
Decimal	4108965
CIELab	66.20, -35.24, -2.89
CIElCh	66, 35.358, 184.693
Yxy	35.5815, 0.2435, 0.3508
Android (android.graphics.Color)	4282299045 (0xFF3EB2A5)
YUV	141.8340, 11.4208, -70.0144
Hunter-Lab	59.6503, -30.4790, 0.8403

Details

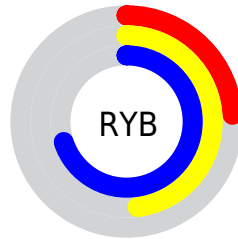
The Hex color **3EB2A5** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B23E4B**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7BEADC**, and **007D71** is the 20% darker color. If you saturate the color by 10%, you get **2CB2A3**, and if you desaturate by 10%, it is **50B2A7**.

Distribution



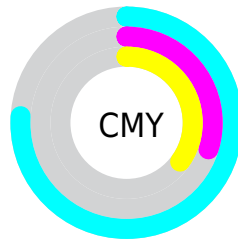
- Red (24%)
- Green (70%)
- Blue (65%)



- Red (24%)
- Yellow (48%)
- Blue (70%)



- Cyan (65%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (76%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EB2A5 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 3EB2A5 by changing the saturation by 10% instead.



3EB2A5



3EB2A5

FFFFFF



14978B



7BEADC



007D71



99FFF8



006359



B6FFFF



004B42



D3FFFF



00332C



F1FFFF



001E17



000000



3EB2A5



3EB2A5



2CB2A3



50B2A7

■ 1AB2A1

■ 62B2A9

■ 09B29F

■ 73B2AB

■ 00B29E

■ 85B2AD

■ 97B2AF

■ A9B2B1

■ BBB2B3

■ CCB2B5

■ DEB2B7

Harmonies

Analogous

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



69B085



3EB2A5



1EB1C4

Triad

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



3EB2A5



AB97D5



CC9668

Complementary

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



3EB2A5



B23E4B

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.



DD8C7E



3EB2A5



CD8DBD

Square

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



3EB2A5



7CA2E0



DE889D



B1A161

Rectangle

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



3EB2A5



33AED4



DE889D



D3926E

Sweetspot

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



3EB2A5



BAE8E3



4CB23E



597572



F5F5F5



757575

Same Dimension

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



3EB2A5



33E8D4



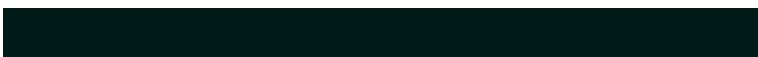
3E86B2



505958



009988



001A17

Inverse Universe

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



B23E4B



E83347



B26A3E



595051



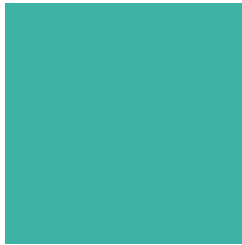
990011



1A0003

Previews

White Background



This preview shows how the Hex color 3EB2A5 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

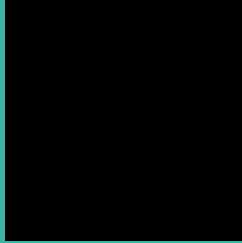
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

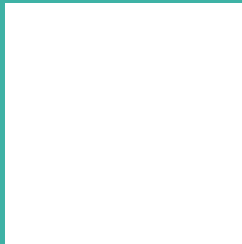
Any Text WCAG AAA ✓ Pass

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

Hex 3EB2A5 Background



This preview shows how black text looks on a background with the Hex color 3EB2A5.

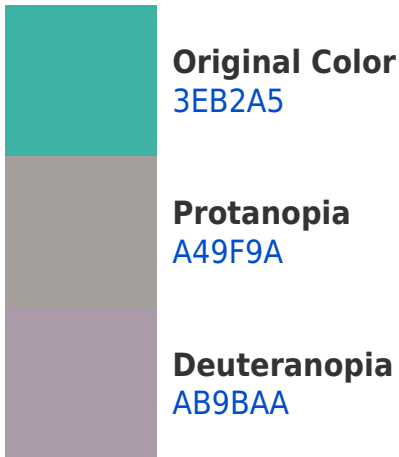


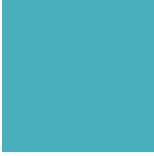
This preview shows how white text looks on a background with the Hex color 3EB2A5.

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](#).

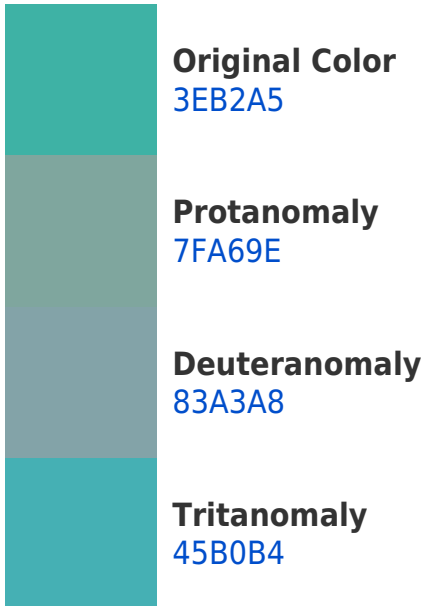
Dichromacy





Tritanopia
49AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EB2A5 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 #3EB2A5 looks like.

```
.text, #text, p{  
    color:#3EB2A5  
}
```

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 #3EB2A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EB2A5
}
```

Border

The CSS property to change the border of an element to Hex 3EB2A5 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
#3EB2A5 }
```

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

```
.border{ border-color:#3EB2A5 }
```

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

Here you see how a box with a 4 pixel #3EB2A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EB2A5; -webkit-box-shadow:4px 4px  
4px 4px #3EB2A5; box-shadow:4px 4px 4px  
4px #3EB2A5 }
```

Background

The CSS property to change the background color of an element to Hex 3EB2A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EB2A5 }
```

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

```
.background{ background-color:#3EB2A5 }
```

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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