

Converting Colors

Hex(3EBA60)

Have a look what the booklet for
Hex(3EBA60) contains.

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Color

Hex(3EBA60)

Conversions

Conversions Part 1

Format	Color
Hex	3EBA60
RGB	62, 186, 96
RGB Percent	24%, 73%, 38%
CMY	0.7569, 0.2706, 0.6235
CMYK	0.67, 0.00, 0.48, 0.27
HSL	136°, 50%, 49%
HSV	136°, 67%, 73%
XYZ	21.6568, 36.9865, 17.0640
YIQ	138.6640, -45.0140, -54.2780

Conversions

Conversions Part 2

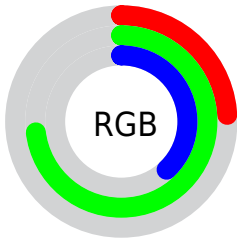
Format	Color
RYB	62, 159, 186
Decimal	4110944
CIELab	67.27, -53.52, 35.73
CIELCh	67, 64.352, 146.269
Yxy	36.9865, 0.2861, 0.4885
Android (android.graphics.Color)	4282301024 (0xFF3EBA60)
YUV	138.6640, -21.0334, -67.2343
Hunter-Lab	60.8165, -42.8648, 25.9359

Details

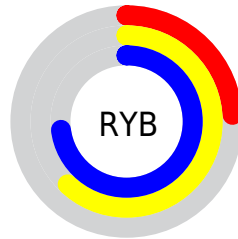
The Hex color **3EBA60** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **BA3E98**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **7BF394**, and **00842F** is the 20% darker color. If you saturate the color by 10%, you get **2BBA53**, and if you desaturate by 10%, it is **51BA6E**.

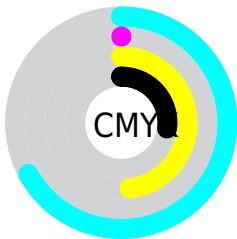
Distribution



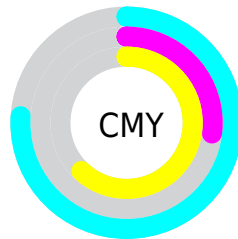
- Red (24%)
- Green (73%)
- Blue (38%)



- Red (24%)
- Yellow (62%)
- Blue (73%)



- Cyan (67%)
- Magenta (0%)
- Yellow (48%)
- Black (27%)



- Cyan (76%)
- Magenta (27%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EBA60 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 3EBA60 by changing the saturation by 10% instead.

 3EBA60

 3EBA60

FFFFFF

 149E47

 7BF394

 00842F

 99FFAF

 006916

 B6FFCB

 005000

 D4FFE7

 003800

 F2FFFF

 002100

 000000

 3EBA60

 3EBA60

 2BBA53

 51BA6E

 19BA45

 63BA7B

 06BA38

 76BA89

 00BA33

 88BA96

 9BBAA4

 AEBAB1

 C0BABE

 D3BACC

 E5BADA

Harmonies

Analogous

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



90B031



3EBA60



00BF9A

Triad

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



3EBA60



00ADFF



FF7274

Complementary

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



3EBA60



BA3E98

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.



FF6DAE



3EBA60



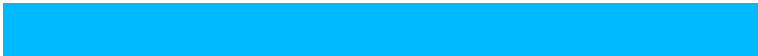
9797FF

Square

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



3EBA60



00BAFF



E37EE5



F38843

Rectangle

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



3EBA60



00C0C3



E37EE5



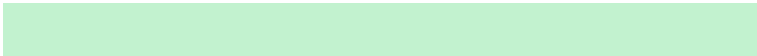
FF6E87

Sweetspot

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



3EBA60



C2F2CF



99BA3E



5D7A65



FAFAFA



7A7A7A

Same Dimension

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



3EBA60



30F266



3EBA9D



535C55



009C2B



001C08

Inverse Universe

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



BA3E98



F230BD



BA3E5B



5C5359



9C0071



1C0014

Previews

White Background



This preview shows how the Hex color 3EBA60 looks on a white background.

Color Contrast Check

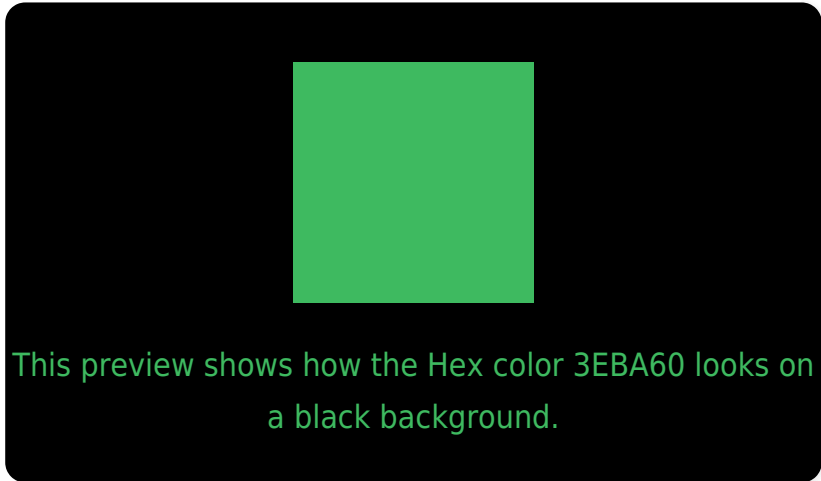
Large Text (above 18pt) WCAG AA × Fail

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

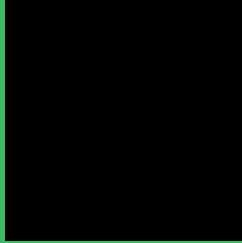
Any Text WCAG AA ✓ Pass

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 3EBA60 Background



This preview shows how black text looks on a background with the Hex color 3EBA60.



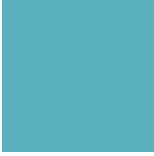
This preview shows how white text looks on a background with the Hex color 3EBA60.

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



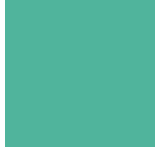
Original Color
3EBA60



Protanomaly
88AB5B



Deuteranomaly
93A665



Tritanomaly
50B49C

Monochromacy



Original Color
3EBA60



Achromatopsia
8B8B8B



Achromatomaly
6F9C7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 3EBA60 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 #3EBA60 looks like.

```
.text, #text, p{  
    color:#3EBA60  
}
```

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 #3EBA60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EBA60
}
```

Border

The CSS property to change the border of an element to Hex 3EBA60 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
#3EBA60 }
```

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

```
.border{ border-color:#3EBA60 }
```

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

Here you see how a box with a 4 pixel #3EBA60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EBA60; -webkit-box-shadow:4px 4px  
4px 4px #3EBA60; box-shadow:4px 4px 4px  
4px #3EBA60 }
```

Background

The CSS property to change the background color of an element to Hex 3EBA60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EBA60 }
```

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

```
.background{ background-color:#3EBA60 }
```

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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