

Converting Colors

Hex(2EB86C)

Have a look what the booklet for
Hex(2EB86C) contains.

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Color

Hex(2EB86C)

Conversions

Conversions Part 1

Format	Color
Hex	2EB86C
RGB	46, 184, 108
RGB Percent	18%, 72%, 42%
CMY	0.8196, 0.2784, 0.5765
CMYK	0.75, 0.00, 0.41, 0.28
HSL	147°, 60%, 45%
HSV	147°, 75%, 72%
XYZ	20.9740, 35.9445, 20.0199
YIQ	134.0740, -57.8520, -52.8920

Conversions

Conversions Part 2

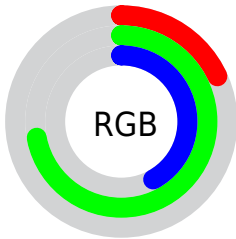
Format	Color
RYB	46, 141, 184
Decimal	3061868
CIELab	66.48, -53.36, 28.48
CIELCh	66, 60.483, 151.913
Yxy	35.9445, 0.2726, 0.4672
Android (android.graphics.Color)	4281251948 (0xFF2EB86C)
YUV	134.0740, -12.8545, -77.2409
Hunter-Lab	59.9538, -42.4734, 22.1694

Details

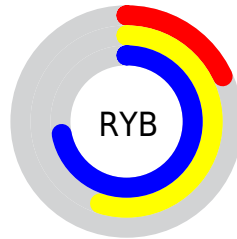
The Hex color **2EB86C** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **B82E7A**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **70F1A0**, and **00823B** is the 20% darker color. If you saturate the color by 10%, you get **1CB862**, and if you desaturate by 10%, it is **40B876**.

Distribution



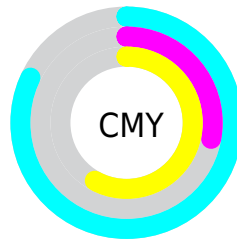
- Red (18%)
- Green (72%)
- Blue (42%)



- Red (18%)
- Yellow (55%)
- Blue (72%)



- Cyan (75%)
- Magenta (0%)
- Yellow (41%)
- Black (28%)



- Cyan (82%)
- Magenta (28%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EB86C 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 2EB86C by changing the saturation by 10% instead.

 2EB86C

 2EB86C

FFFFFF

 009C53

 70F1A0

 00823B

 8EFFBB

 006724

 ACFFD7

 004E0C

 C9FFF4

 003600

 E7FFFF

 001F00

 000000

 2EB86C

 2EB86C

 1CB862

 40B876

■ 09B858

■ 53B880

■ 00B853

■ 65B88A

■ 78B895

■ 8AB89F

■ 9CB8A9

■ AFB8B3

■ C1B8BD

■ D4B8C7

Harmonies

Analogous

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



84AF3E



2EB86C



00BCA4

Triad

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



2EB86C



17A7FF



FF776B

Complementary

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



2EB86C



B82E7A

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.



FF6FA0



2EB86C



A792FE

Square

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



2EB86C



00B4FF



E67BD6



E68C40

Rectangle

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



2EB86C



00BCC9



E67BD6



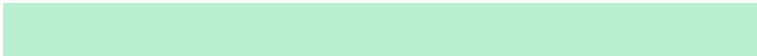
FF737C

Sweetspot

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



2EB86C



B9F0D1



7CB82E



567865



F7F7F7



787878

Same Dimension

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



2EB86C



18F079



2EB8AF



535C57



009C46



001C0D

Inverse Universe

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



B82E7A



F0188F



B82E37



5C5358



9C0056



1C000F

Previews

White Background



This preview shows how the Hex color 2EB86C looks on a white background.

Color Contrast Check

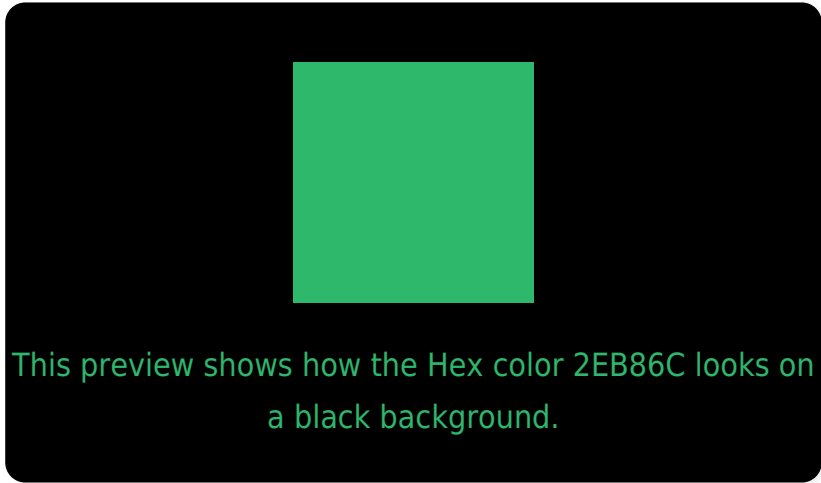
Large Text (above 18pt) WCAG AA × Fail

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

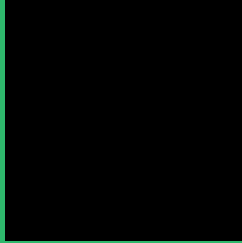
Any Text WCAG AA ✓ Pass

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 2EB86C Background



This preview shows how black text looks on a background with the Hex color 2EB86C.



This preview shows how white text looks on a background with the Hex color 2EB86C.

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](#).

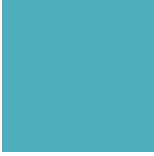
Dichromacy



Original Color
2EB86C

Protanopia
AFA063

Deuteranopia
BE9A73



Tritanopia
4FAFBD

Trichromacy



Original Color
2EB86C



Protanomaly
80A966



Deuteranomaly
8AA570



Tritanomaly
43B2A0

Monochromacy



Original Color
2EB86C



Achromatopsia
868686



Achromatomaly
66987D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EB86C 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 #2EB86C looks like.

```
.text, #text, p{  
    color:#2EB86C  
}
```

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 #2EB86C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EB86C
}
```

Border

The CSS property to change the border of an element to Hex 2EB86C 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
#2EB86C }
```

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

```
.border{ border-color:#2EB86C }
```

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

Here you see how a box with a 4 pixel #2EB86C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EB86C; -webkit-box-shadow:4px 4px  
4px 4px #2EB86C; box-shadow:4px 4px 4px  
4px #2EB86C }
```

Background

The CSS property to change the background color of an element to Hex 2EB86C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EB86C }
```

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

```
.background{ background-color:#2EB86C }
```

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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