

Converting Colors

Hex(2EBB32)

Have a look what the booklet for
Hex(2EBB32) contains.

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Color

Hex(2EBB32)

Conversions

Conversions Part 1

Format	Color
Hex	2EBB32
RGB	46, 187, 50
RGB Percent	18%, 73%, 20%
CMY	0.8196, 0.2667, 0.8039
CMYK	0.75, 0.00, 0.73, 0.27
HSL	122°, 61%, 46%
HSV	122°, 75%, 73%
XYZ	19.4728, 36.3518, 9.0079
YIQ	129.2230, -40.0590, -72.4990

Conversions

Conversions Part 2

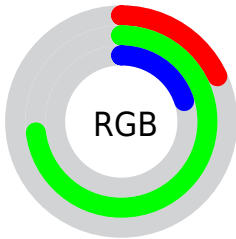
Format	Color
RYB	46, 183, 187
Decimal	3062578
CIELab	66.79, -62.09, 55.59
CIELCh	67, 83.337, 138.159
Yxy	36.3518, 0.3004, 0.5607
Android (android.graphics.Color)	4281252658 (0xFF2EBB32)
YUV	129.2230, -39.0569, -72.9866
Hunter-Lab	60.2924, -47.8613, 33.3466

Details

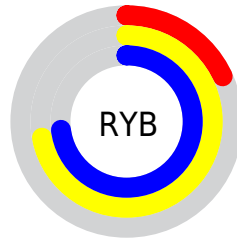
The Hex color **2EBB32** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BB2EB7**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **73F469**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **1BBB20**, and if you desaturate by 10%, it is **41BB44**.

Distribution



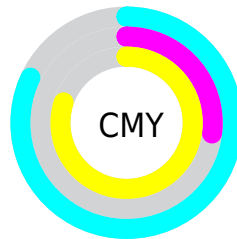
- Red (18%)
- Green (73%)
- Blue (20%)



- Red (18%)
- Yellow (72%)
- Blue (73%)



- Cyan (75%)
- Magenta (0%)
- Yellow (73%)
- Black (27%)



- Cyan (82%)
- Magenta (27%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EBB32 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 2EBB32 by changing the saturation by 10% instead.



2EBB32



2EBB32

FFFFFF



009F11



73F469



008400



91FF84



006A00



AFFF9F



005000



CEFFBB



003800



ECFFD8



002000



FFFFFF5



000000



2EBB32



2EBB32



1BBB20



41BB44

 09BB0E

 53BB56

 00BB05

 66BB69

 79BB7B

 8CBB8D

 9EBB9F

 B1BBB1

 C4BBC3

 D6BBD6

Harmonies

Analogous

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



99AD00



2EBB32



00C281

Triad

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



2EBB32



00B4FF



FF5079

Complementary

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



2EBB32



BB2EB7

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.



FF52C4



2EBB32



519CFF

Square

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



2EBB32



00C0FF



DD77FF



FF7231

Rectangle

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



2EBB32



00C4B6



DD77FF



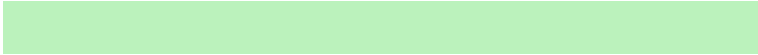
FF4B91

Sweetspot

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



2EBB32



BBF2BC



B9BB2E



587A59



FAFAFA



7A7A7A

Same Dimension

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



2EBB32



18F21E



2EBB77



555E55



009E04



001F01

Inverse Universe

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



BB2EB7



F218EC



BB2E72



5E555E



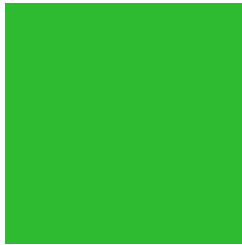
9E009A



1F001E

Previews

White Background



This preview shows how the Hex color 2EBB32 looks on a white background.

Color Contrast Check

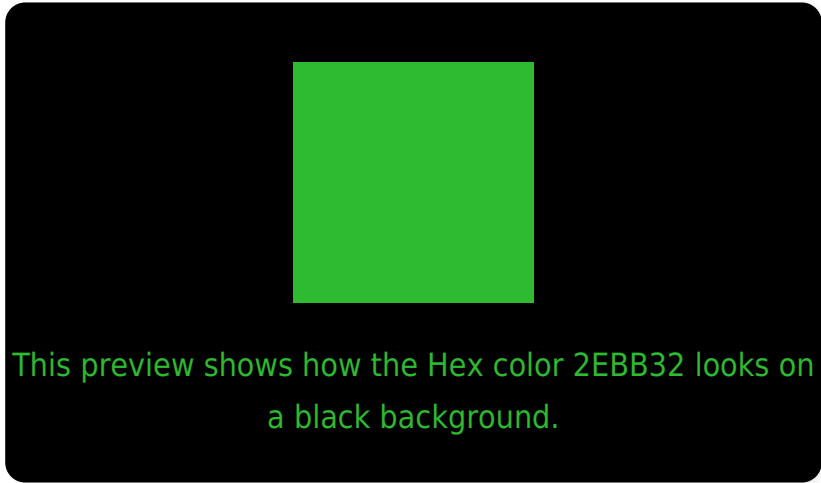
Large Text (above 18pt) WCAG AA × Fail

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 2EBB32 Background



This preview shows how black text looks on a background with the Hex color 2EBB32.

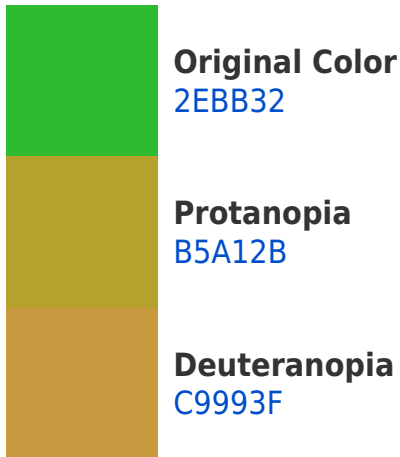


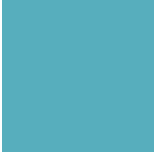
This preview shows how white text looks on a background with the Hex color 2EBB32.

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
57AEBD

Trichromacy



Original Color
2EBB32



Protanomaly
84AA2E



Deuteranomaly
91A53A



Tritanomaly
48B38A

Monochromacy



Original Color
2EBB32



Achromatopsia
818181



Achromatomaly
639664

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EBB32 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 #2EBB32 looks like.

```
.text, #text, p{  
    color:#2EBB32  
}
```

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 #2EBB32 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EBB32
}
```

Border

The CSS property to change the border of an element to Hex 2EBB32 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
#2EBB32 }
```

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

```
.border{ border-color:#2EBB32 }
```

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

Here you see how a box with a 4 pixel #2EBB32 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EBB32; -webkit-box-shadow:4px 4px  
4px 4px #2EBB32; box-shadow:4px 4px 4px  
4px #2EBB32 }
```

Background

The CSS property to change the background color of an element to Hex 2EBB32 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EBB32 }
```

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

```
.background{ background-color:#2EBB32 }
```

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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