

Converting Colors

Hex(2AEB61)

Have a look what the booklet for
Hex(2AEB61) contains.

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Color

Hex(2AEB61)

Conversions

Conversions Part 1

Format	Color
Hex	2AEB61
RGB	42, 235, 97
RGB Percent	16%, 92%, 38%
CMY	0.8353, 0.0784, 0.6196
CMYK	0.82, 0.00, 0.59, 0.08
HSL	137°, 83%, 54%
HSV	137°, 82%, 92%
XYZ	32.8208, 60.7720, 21.3096
YIQ	161.5610, -70.7300, -83.8340

Conversions

Conversions Part 2

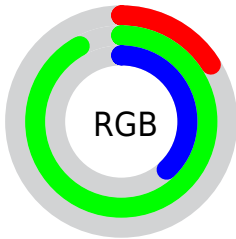
Format	Color
RYB	42, 192, 235
Decimal	2812769
CIELab	82.26, -72.73, 53.29
CIElCh	82, 90.165, 143.771
Yxy	60.7720, 0.2856, 0.5289
Android (android.graphics.Color)	4281002849 (0xFF2AEB61)
YUV	161.5610, -31.8286, -104.8550
Hunter-Lab	77.9564, -61.2724, 38.3624

Details

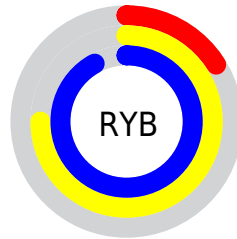
The Hex color **2AEB61** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EB2AB4**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **7AFF97**, and **00B22A** is the 20% darker color. If you saturate the color by 10%, you get **12EB50**, and if you desaturate by 10%, it is **41EB72**.

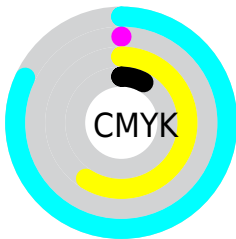
Distribution



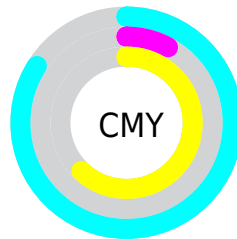
- Red (16%)
- Green (92%)
- Blue (38%)



- Red (16%)
- Yellow (75%)
- Blue (92%)



- Cyan (82%)
- Magenta (0%)
- Yellow (59%)
- Black (8%)



- Cyan (84%)
- Magenta (8%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2AEB61 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 2AEB61 by changing the saturation by 10% instead.

 2AEB61

 2AEB61

FFFFFF

 00CE46

 7AFF97

 00B22A

 9BFFB3

 009605

 BBFFD0

 007B00

 DAF FEC

 006000

 FAFFFF

 004600

 002E00

 000F00

 000000

 2AEB61

 2AEB61

 12EB50

 41EB72

 00EB43

 59EB83

 70EB93

 88EBA4

 9FEbB5

 B7EBC6

 CEeBD7

 E6EBE7

 FDEBF8

Harmonies

Analogous

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



B3DC00



2AEB61



00F2B8

Triad

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



2AEB61



00DCFF



FF7B8E

Complementary

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



2AEB61



EB2AB4

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.



FF75E2



2AEB61



A5BEFF

Square

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



2AEB61



00EDFF



FF95FF



FF9F40

Rectangle

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



2AEB61



00F3F3



FF95FF



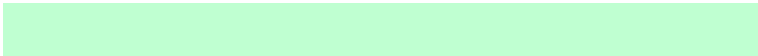
FF74A9

Sweetspot

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



2AEB61



BFFFD1



B4EB2A



598064



000000



808080

Same Dimension

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



2AEB61



03FF4A



2AEBC1



6A756D



00B534



00360F

Inverse Universe

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



EB2AB4



FF03B7



EB2A54



756A72



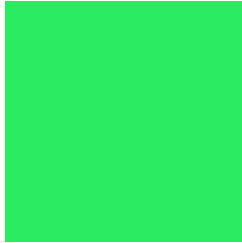
B50081



360026

Previews

White Background



This preview shows how the Hex color 2AEB61 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 2AEB61 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 2AEB61 Background



This preview shows how black text looks on a background with the Hex color 2AEB61.

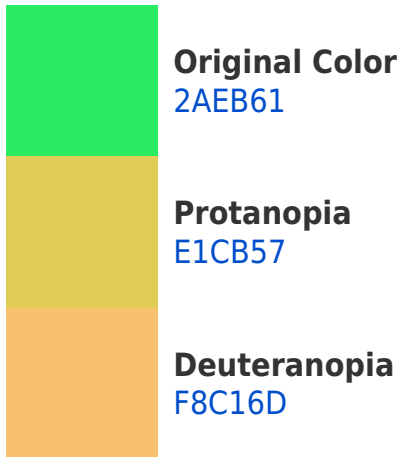


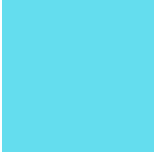
This preview shows how white text looks on a background with the Hex color 2AEB61.

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
64DDEE

Trichromacy



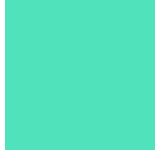
Original Color
2AEB61



Protanomaly
9ED75B



Deuteranomaly
ADD069



Tritanomaly
4FE2BB

Monochromacy



Original Color
2AEB61



Achromatopsia
A2A2A2



Achromatomaly
76BD8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2AEB61 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 #2AEB61 looks like.

```
.text, #text, p{  
    color:#2AEB61  
}
```

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 #2AEB61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2AEB61
}
```

Border

The CSS property to change the border of an element to Hex 2AEB61 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
#2AEB61 }
```

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

```
.border{ border-color:#2AEB61 }
```

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

Here you see how a box with a 4 pixel #2AEB61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2AEB61; -webkit-box-shadow:4px 4px  
4px 4px #2AEB61; box-shadow:4px 4px 4px  
4px #2AEB61 }
```

Background

The CSS property to change the background color of an element to Hex 2AEB61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2AEB61 }
```

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

```
.background{ background-color:#2AEB61 }
```

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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