

Converting Colors

Hex(56E832)

Have a look what the booklet for
Hex(56E832) contains.

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Color

Hex(56E832)

Conversions

Conversions Part 1

Format	Color
Hex	56E832
RGB	86, 232, 50
RGB Percent	34%, 91%, 20%
CMY	0.6627, 0.0902, 0.8039
CMYK	0.63, 0.00, 0.78, 0.09
HSL	108°, 80%, 55%
HSV	108°, 78%, 91%
XYZ	33.2701, 59.9219, 12.8302
YIQ	167.5980, -28.5940, -87.5540

Conversions

Conversions Part 2

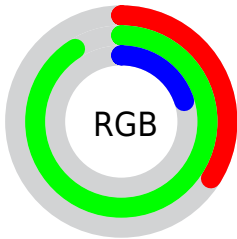
Format	Color
RYB	50, 232, 196
Decimal	5695538
CIELab	81.80, -69.16, 70.56
CIELCh	82, 98.800, 134.423
Yxy	59.9219, 0.3138, 0.5652
Android (android.graphics.Color)	4283885618 (0xFF56E832)
YUV	167.5980, -57.9758, -71.5614
Hunter-Lab	77.4093, -58.7479, 44.3595

Details

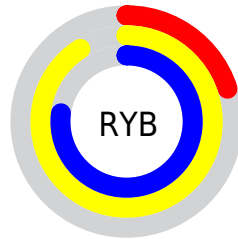
The Hex color **56E832** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **C432E8**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **97FF6E**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **43E81B**, and if you desaturate by 10%, it is **69E849**.

Distribution



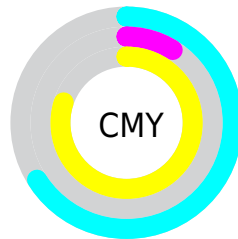
- Red (34%)
- Green (91%)
- Blue (20%)



- Red (20%)
- Yellow (91%)
- Blue (77%)



- Cyan (63%)
- Magenta (0%)
- Yellow (78%)
- Black (9%)



- Cyan (66%)
- Magenta (9%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56E832 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 56E832 by changing the saturation by 10% instead.

 56E832

 56E832

FFFFFF

 2DCB00

 97FF6E

 00AF00

 B6FF8B

 009300

 D5FFA8

 007800

 F5FFC5

 005E00

 FFFFE2

 004500

 002D00

 000C00

 000000

 56E832

 56E832

 43E81B

 69E849

 31E804

 7BE860

 2EE800

 8EE878

 A0E88F

 B3E8A6

 C6E8BD

 D8E8D4

 EBE8EC

 FDE8FF

Harmonies

Analogous

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



CAD500



56E832



00F296

Triad

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



56E832



00E4FF



FF62A3

Complementary

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



56E832



C432E8

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.



FF6CFF



56E832



20C7FF

Square

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



56E832



00F1FF



FF9CFF



FF894B

Rectangle

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



56E832



00F4D7



FF9CFF



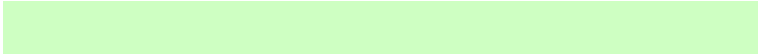
FF5EC2

Sweetspot

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



56E832



CEFFC2



E8C432



62805B



000000



808080

Same Dimension

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



56E832



3FFF0F



32E869



6A7367



23B300



0A3300

Inverse Universe

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



C432E8



D00FFF



E832B1



706773



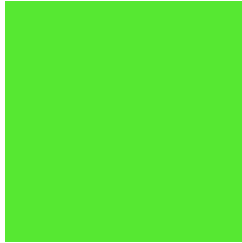
8F00B3



290033

Previews

White Background



This preview shows how the Hex color 56E832 looks on a white background.

Color Contrast Check

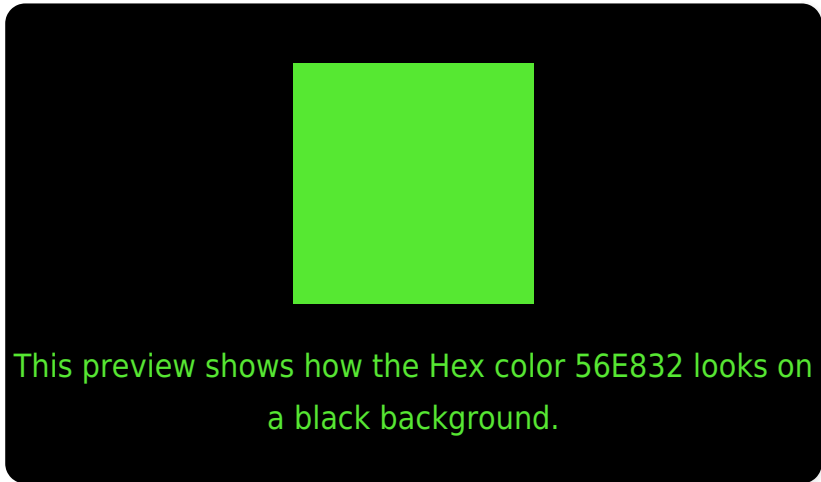
Large Text (above 18pt) WCAG AA × Fail

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

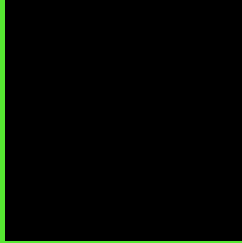
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

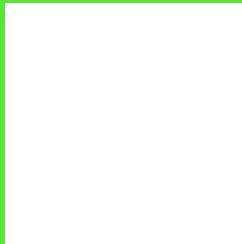
Any Text WCAG AAA ✓ Pass

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

Hex 56E832 Background



This preview shows how black text looks on a background with the Hex color 56E832.

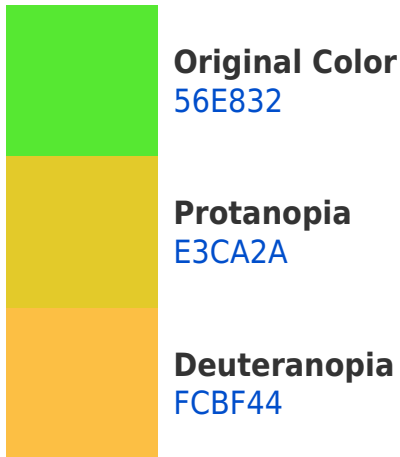


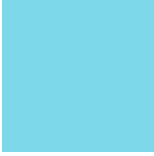
This preview shows how white text looks on a background with the Hex color 56E832.

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
7DD8EA

Trichromacy



Original Color
56E832



Protanomaly
B0D52D

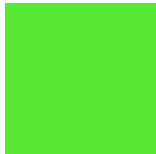


Deuteranomaly
C0CE3D



Tritanomaly
6FDEA7

Monochromacy



Original Color
56E832



Achromatopsia
A8A8A8



Achromatomaly
8ABF7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56E832 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 #56E832 looks like.

```
.text, #text, p{  
    color:#56E832  
}
```

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 #56E832 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56E832
}
```

Border

The CSS property to change the border of an element to Hex 56E832 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
#56E832 }
```

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

```
.border{ border-color:#56E832 }
```

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

Here you see how a box with a 4 pixel #56E832 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56E832; -webkit-box-shadow:4px 4px  
4px 4px #56E832; box-shadow:4px 4px 4px  
4px #56E832 }
```

Background

The CSS property to change the background color of an element to Hex 56E832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56E832 }
```

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

```
.background{ background-color:#56E832 }
```

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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