

Converting Colors

Hex(46A950)

Have a look what the booklet for
Hex(46A950) contains.

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Color

Hex(46A950)

Conversions

Conversions Part 1

Format	Color
Hex	46A950
RGB	70, 169, 80
RGB Percent	27%, 66%, 31%
CMY	0.7255, 0.3373, 0.6863
CMYK	0.59, 0.00, 0.53, 0.34
HSL	126°, 41%, 47%
HSV	126°, 59%, 66%
XYZ	18.1617, 30.2572, 12.4724
YIQ	129.2530, -30.4350, -48.6670

Conversions

Conversions Part 2

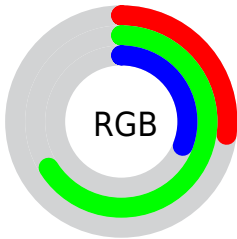
Format	Color
RYB	70, 160, 169
Decimal	4630864
CIELab	61.88, -47.68, 37.14
CIELCh	62, 60.437, 142.087
Yxy	30.2572, 0.2983, 0.4969
Android (android.graphics.Color)	4282820944 (0xFF46A950)
YUV	129.2530, -24.2817, -51.9649
Hunter-Lab	55.0066, -37.3255, 25.0609

Details

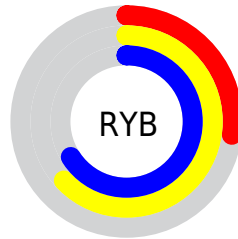
The Hex color **46A950** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **A9469F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7FE183**, and **00741F** is the 20% darker color. If you saturate the color by 10%, you get **35A941**, and if you desaturate by 10%, it is **57A95F**.

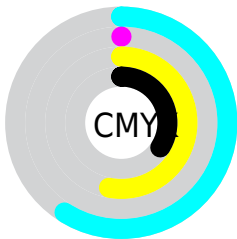
Distribution



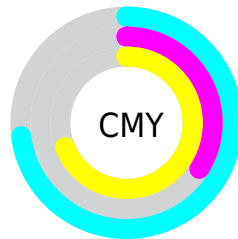
- Red (27%)
- Green (66%)
- Blue (31%)



- Red (27%)
- Yellow (63%)
- Blue (66%)



- Cyan (59%)
- Magenta (0%)
- Yellow (53%)
- Black (34%)



- Cyan (73%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A950 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 46A950 by changing the saturation by 10% instead.

 46A950

 46A950

FFFFFF

 268E37

 7FE183

 00741F

 9CFE9E

 005A03

 B8FFB9

 004200

 D5FFD5

 002C00

 F3FFF2

 000D00

 000000

 46A950

 46A950

 35A941

 57A95F

 24A932

 68A96E

 13A922

 79A97E

 02A913

 8AA98D

 00A911

 9AA99C

 ABA9AB

 BCA9BA

 CDA9CA

 DEA9D9

Harmonies

Analogous

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



8B9F27



46A950



00AE85

Triad

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



46A950



00A0FF



F66670

Complementary

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



46A950



A9469F

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.



EF64A6



46A950



7C8DF9

Square

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



46A950



00ABE9



C976D8



E37841

Rectangle

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



46A950



00AFAA



C976D8



F76382

Sweetspot

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



46A950



B4DBB8



9FA946



566E58



EDEDED



6E6E6E

Same Dimension

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



46A950



42DB51



46A981



4C544D



00940F



001402

Inverse Universe

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



A9469F



DB42CC



A9466E



544C53



940085



140012

Previews

White Background



This preview shows how the Hex color 46A950 looks on a white background.

Color Contrast Check

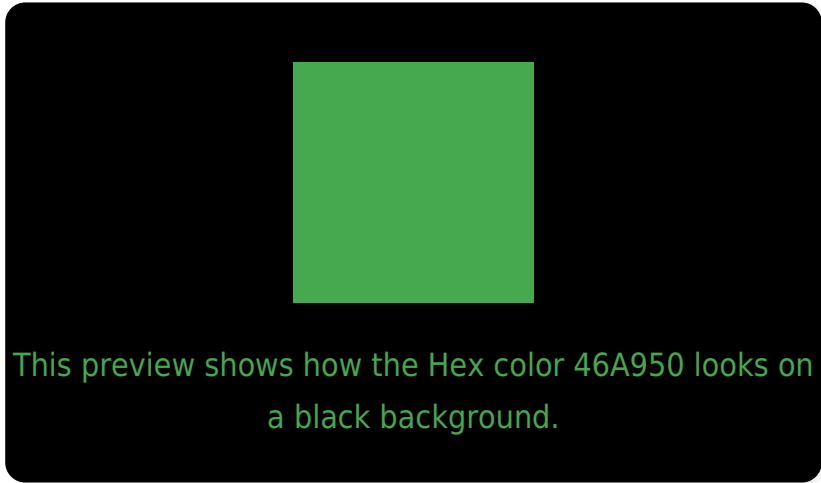
Large Text (above 18pt) WCAG AA × Fail

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 46A950 Background



This preview shows how black text looks on a background with the Hex color 46A950.



This preview shows how white text looks on a background with the Hex color 46A950.

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
46A950

Protanopia
A49549

Deuteranopia
B48E57



Tritanopia
5D9FAC

Trichromacy



Original Color
46A950



Protanomaly
829C4C



Deuteranomaly
8C9854



Tritanomaly
55A38B

Monochromacy



Original Color
46A950



Achromatopsia
818181



Achromatomaly
6C906F

CSS Examples

Text

The CSS property to change the color of the text to Hex 46A950 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 #46A950 looks like.

```
.text, #text, p{  
    color:#46A950  
}
```

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 #46A950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A950
}
```

Border

The CSS property to change the border of an element to Hex 46A950 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
#46A950 }
```

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

```
.border{ border-color:#46A950 }
```

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

Here you see how a box with a 4 pixel #46A950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A950; -webkit-box-shadow:4px 4px  
4px 4px #46A950; box-shadow:4px 4px 4px  
4px #46A950 }
```

Background

The CSS property to change the background color of an element to Hex 46A950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A950 }
```

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

```
.background{ background-color:#46A950 }
```

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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