

Converting Colors

Hex(46AA6F)

Have a look what the booklet for
Hex(46AA6F) contains.

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Color

Hex(46AA6F)

Conversions

Conversions Part 1

Format	Color
Hex	46AA6F
RGB	70, 170, 111
RGB Percent	27%, 67%, 44%
CMY	0.7255, 0.3333, 0.5647
CMYK	0.59, 0.00, 0.35, 0.33
HSL	145°, 42%, 47%
HSV	145°, 59%, 67%
XYZ	19.7698, 31.1992, 20.0190
YIQ	133.3740, -40.6610, -39.5490

Conversions

Conversions Part 2

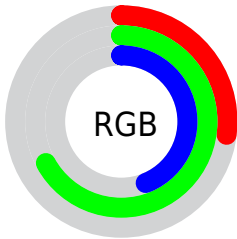
Format	Color
RYB	70, 141, 170
Decimal	4631151
CIELab	62.68, -42.87, 21.92
CIELCh	63, 48.149, 152.916
Yxy	31.1992, 0.2785, 0.4395
Android (android.graphics.Color)	4282821231 (0xFF46AA6F)
YUV	133.3740, -11.0304, -55.5790
Hunter-Lab	55.8563, -34.5702, 17.8497

Details

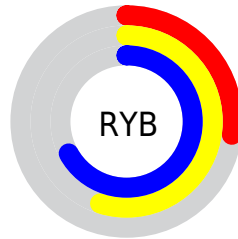
The Hex color **46AA6F** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AA4681**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **7FE2A3**, and **00753F** is the 20% darker color. If you saturate the color by 10%, you get **35AA65**, and if you desaturate by 10%, it is **57AA79**.

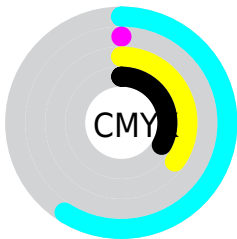
Distribution



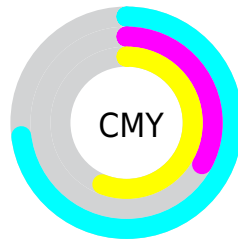
- Red (27%)
- Green (67%)
- Blue (44%)



- Red (27%)
- Yellow (55%)
- Blue (67%)



- Cyan (59%)
- Magenta (0%)
- Yellow (35%)
- Black (33%)



- Cyan (73%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46AA6F 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 46AA6F by changing the saturation by 10% instead.

 46AA6F

 46AA6F


FFFFFF

 268F56

 7FE2A3

 00753F

 9BFFBE

 005B28

 B8FFDA

 004312

 D5FFF7

 002C00

 F2FFFF

 001100

 000000

 46AA6F

 46AA6F

 35AA65

 57AA79

■ 24AA5B

■ 68AA83

■ 13AA51

■ 79AA8D

■ 02AA47

■ 8AAA97

■ 00AA46

■ 9BAAA1

■ ACAAAB

■ BDAAB5

■ CEAABF

■ DFAAC9

Harmonies

Analogous

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



80A34D



46AA6F



00AD9B

Triad

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



46AA6F



519BED



E4796B

Complementary

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



46AA6F



AA4681

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.



E67395



46AA6F



A08BE0

Square

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



46AA6F



00A6E3



D07BBF



CF874B

Rectangle

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



46AA6F



00ADB8



D07BBF



E77579

Sweetspot

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



46AA6F



B6DEC6



82AA46



587062



F0F0F0



707070

Same Dimension

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



46AA6F



40DE81



46AAA0



4C544F



00943D



001408

Inverse Universe

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



AA4681



DE409D



AA4650



544C51



940057



14000C

Previews

White Background



This preview shows how the Hex color 46AA6F looks on a white background.

Color Contrast Check

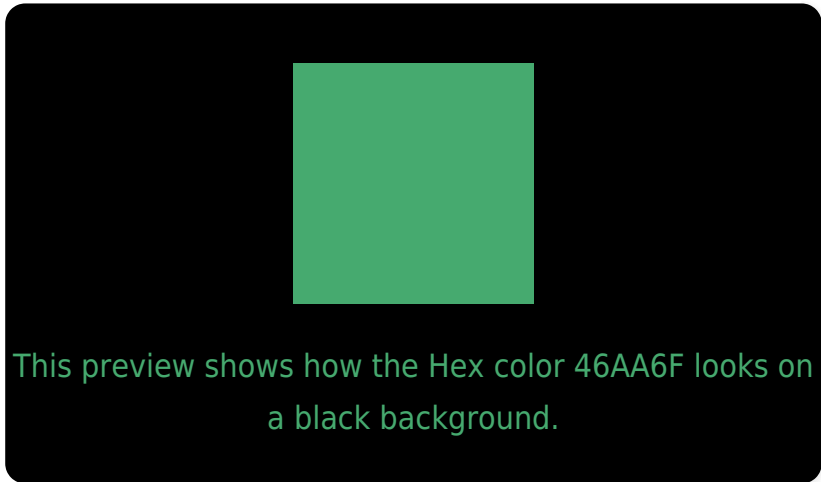
Large Text (above 18pt) WCAG AA × Fail

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

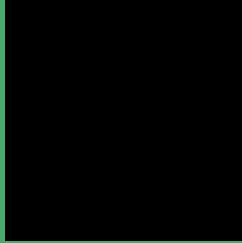
Any Text WCAG AA ✓ Pass

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 46AA6F Background



This preview shows how black text looks on a background with the Hex color 46AA6F.

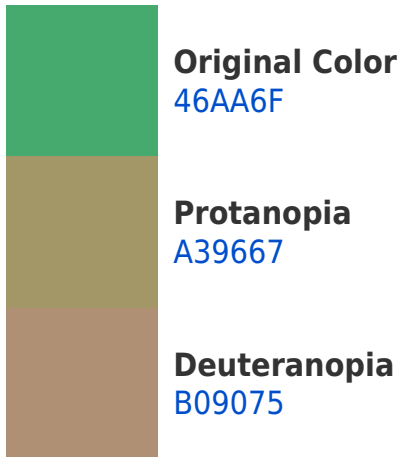


This preview shows how white text looks on a background with the Hex color 46AA6F.

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



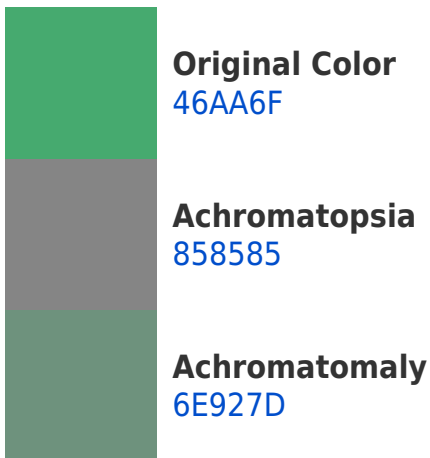


Tritanopia
59A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46AA6F 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 #46AA6F looks like.

```
.text, #text, p{  
    color:#46AA6F  
}
```

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 #46AA6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46AA6F
}
```

Border

The CSS property to change the border of an element to Hex 46AA6F 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
#46AA6F }
```

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

```
.border{ border-color:#46AA6F }
```

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

Here you see how a box with a 4 pixel #46AA6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46AA6F; -webkit-box-shadow:4px 4px  
4px 4px #46AA6F; box-shadow:4px 4px 4px  
4px #46AA6F }
```

Background

The CSS property to change the background color of an element to Hex 46AA6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46AA6F }
```

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

```
.background{ background-color:#46AA6F }
```

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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