

Converting Colors

Hex(46A380)

Have a look what the booklet for
Hex(46A380) contains.

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Color

Hex(46A380)

Conversions

Conversions Part 1

Format	Color
Hex	46A380
RGB	70, 163, 128
RGB Percent	27%, 64%, 50%
CMY	0.7255, 0.3608, 0.4980
CMYK	0.57, 0.00, 0.21, 0.36
HSL	157°, 40%, 46%
HSV	157°, 57%, 64%
XYZ	19.5193, 29.0550, 25.0015
YIQ	131.2030, -44.1930, -30.6010

Conversions

Conversions Part 2

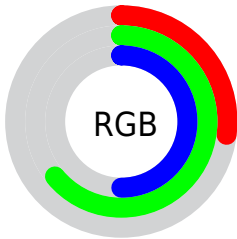
Format	Color
RYB	70, 127, 163
Decimal	4629376
CIELab	60.83, -36.17, 10.00
CIELCh	61, 37.527, 164.553
Yxy	29.0550, 0.2653, 0.3949
Android (android.graphics.Color)	4282819456 (0xFF46A380)
YUV	131.2030, -1.5791, -53.6750
Hunter-Lab	53.9027, -29.6912, 10.2316

Details

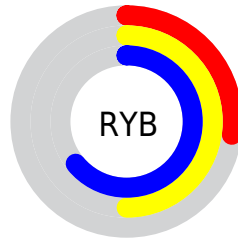
The Hex color **46A380** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A34669**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7EDBB5**, and **006E4F** is the 20% darker color. If you saturate the color by 10%, you get **36A37A**, and if you desaturate by 10%, it is **56A386**.

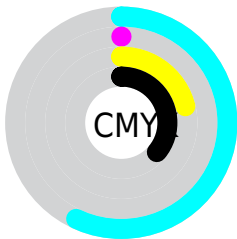
Distribution



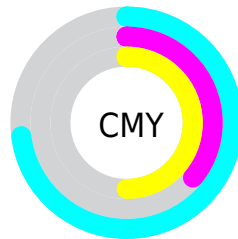
- Red (27%)
- Green (64%)
- Blue (50%)



- Red (27%)
- Yellow (50%)
- Blue (64%)



- Cyan (57%)
- Magenta (0%)
- Yellow (21%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A380 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 46A380 by changing the saturation by 10% instead.


 46A380

 46A380

FFFFFF

 288867

 7EDBB5

 006E4F

 9AF7D0

 005538

 B6FFED

 003D22

 D3FFFF

 00280D

 F1FFFF

 000600

 000000

 46A380

 46A380

 36A37A

 56A386

 25A374

 67A38C

 15A36E

 77A392

 05A367

 87A399

 00A366

 98A39F

 A8A3A5

 B8A3AB

 C8A3B1

 D9A3B7

Harmonies

Analogous

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



739E62



46A380



00A4A2

Triad

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



46A380



7C91D3



CC7F66

Complementary

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



46A380



A34669

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.



D37984



46A380



AB84C2

Square

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



46A380



3B9BD2



C87AA5



B78B53

Rectangle

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



46A380



00A3B7



C87AA5



D07C6F

Sweetspot

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



46A380



B0D4C6



6AA346



566B63



EBEBEB



6B6B6B

Same Dimension

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



46A380



44D49D



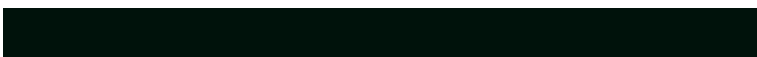
4698A3



49524F



00915B



00120B

Inverse Universe

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



A34669



D4447A



A35146



52494D



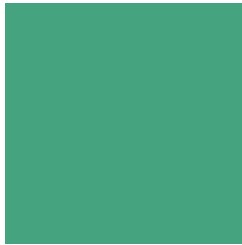
910037



120007

Previews

White Background



This preview shows how the Hex color 46A380 looks on a white background.

Color Contrast Check

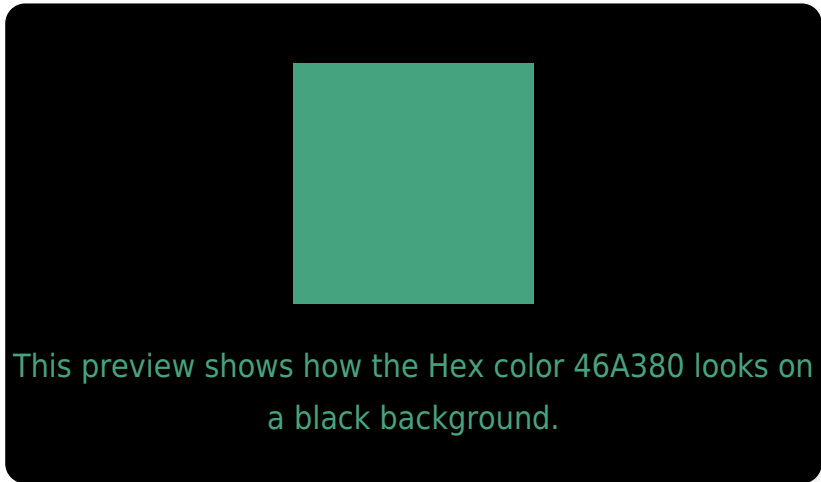
Large Text (above 18pt) WCAG AA ✓ Pass

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

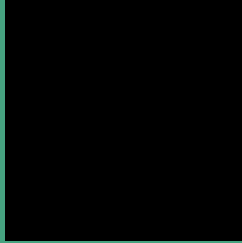
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 46A380 Background



This preview shows how black text looks on a background with the Hex color 46A380.

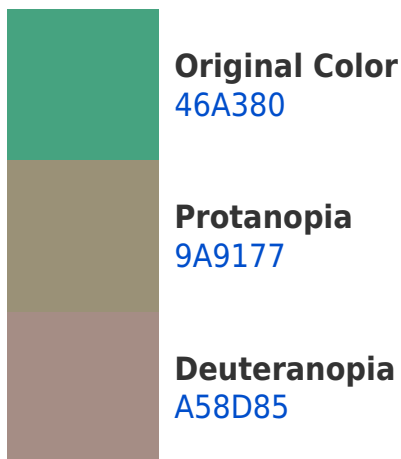


This preview shows how white text looks on a background with the Hex color 46A380.

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



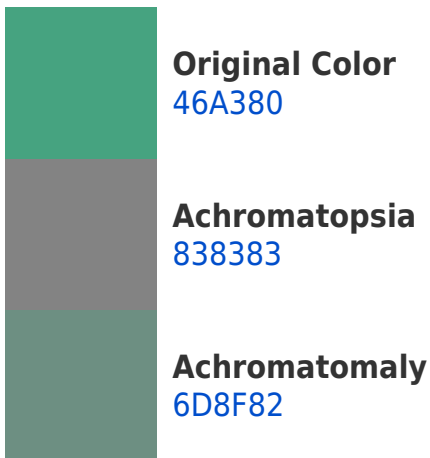


Tritanopia
549DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A380 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 #46A380 looks like.

```
.text, #text, p{  
    color:#46A380  
}
```

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 #46A380 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A380
}
```

Border

The CSS property to change the border of an element to Hex 46A380 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
#46A380 }
```

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

```
.border{ border-color:#46A380 }
```

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

Here you see how a box with a 4 pixel #46A380 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A380; -webkit-box-shadow:4px 4px  
4px 4px #46A380; box-shadow:4px 4px 4px  
4px #46A380 }
```

Background

The CSS property to change the background color of an element to Hex 46A380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A380 }
```

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

```
.background{ background-color:#46A380 }
```

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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