

Converting Colors

Hex(46A56E)

Have a look what the booklet for
Hex(46A56E) contains.

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Color

Hex(46A56E)

Conversions

Conversions Part 1

Format	Color
Hex	46A56E
RGB	70, 165, 110
RGB Percent	27%, 65%, 43%
CMY	0.7255, 0.3529, 0.5686
CMYK	0.58, 0.00, 0.33, 0.35
HSL	145°, 40%, 46%
HSV	145°, 58%, 65%
XYZ	18.7954, 29.3381, 19.4241
YIQ	130.3250, -38.9650, -37.2450

Conversions

Conversions Part 2

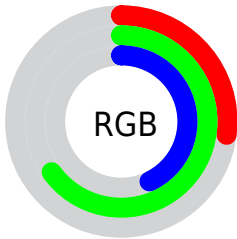
Format	Color
RYB	70, 137, 165
Decimal	4629870
CIELab	61.08, -40.94, 20.31
CIElCh	61, 45.696, 153.615
Yxy	29.3381, 0.2782, 0.4343
Android (android.graphics.Color)	4282819950 (0xFF46A56E)
YUV	130.3250, -10.0202, -52.9050
Hunter-Lab	54.1647, -32.8479, 16.6532

Details

The Hex color **46A56E** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A5467D**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7EDDA2**, and **00703E** is the 20% darker color. If you saturate the color by 10%, you get **36A564**, and if you desaturate by 10%, it is **56A578**.

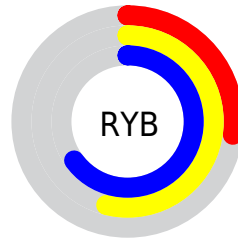
Distribution



Red (27%)

Green (65%)

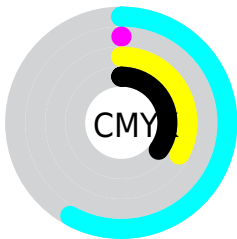
Blue (43%)



Red (27%)

Yellow (54%)

Blue (65%)

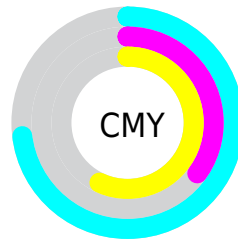


Cyan (58%)

Magenta (0%)

Yellow (33%)

Black (35%)



Cyan (73%)

Magenta (35%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A56E 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 46A56E by changing the saturation by 10% instead.

 46A56E

 46A56E

FFFFFF

 278A55

 7EDDA2

 00703E


 9AFABD

 005727

 B6FFD9


 003F12

 D3FFF5

 002900

 F1FFFF

 000700

 000000

 46A56E

 46A56E

 36A564

 56A578

 25A55B

 67A581

 15A551

 78A58B

 04A548

 88A594

 00A545

 99A59E

 A9A5A7

 BAA5B1

 CAA5BA

 DAA5C4

Harmonies

Analogous

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



7D9E4D



46A56E



00A897

Triad

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



46A56E



5596E4



DC7769

Complementary

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



46A56E



A5467D

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.



DE7190



46A56E



9D87D7

Square

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



46A56E



00A1DB



C978B8



C8844B

Rectangle

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



46A56E



00A8B2



C978B8



DF7475

Sweetspot

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



46A56E



B2D6C1



7DA546



566B5F



EBEBEB



6B6B6B

Same Dimension

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



46A56E



42D681



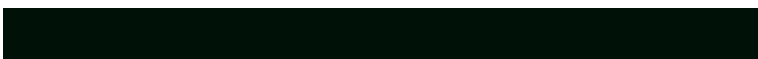
46A59D



49524D



00913D



001208

Inverse Universe

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



A5467D



D64298



A5464E



52494E



910054



12000A

Previews

White Background



This preview shows how the Hex color 46A56E looks on a white background.

Color Contrast Check

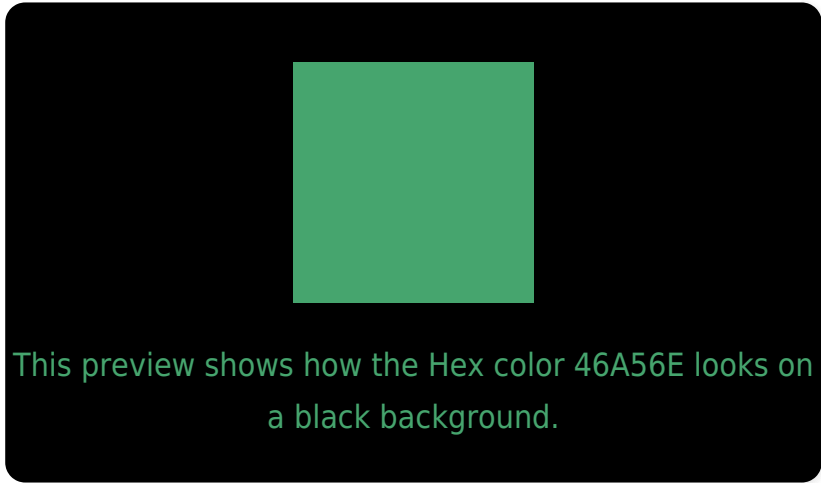
Large Text (above 18pt) WCAG AA ✓ Pass

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

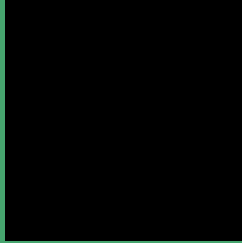
Any Text WCAG AA ✓ Pass

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 46A56E Background



This preview shows how black text looks on a background with the Hex color 46A56E.



This preview shows how white text looks on a background with the Hex color 46A56E.

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](#).

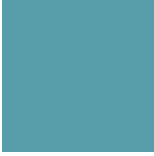
Dichromacy



Original Color
46A56E

Protanopia
9E9266

Deuteranopia
AB8D73



Tritanopia
589EAA

Trichromacy



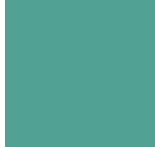
Original Color
46A56E



Protanomaly
7E9969



Deuteranomaly
869671



Tritanomaly
51A194

Monochromacy



Original Color
46A56E



Achromatopsia
828282



Achromatomaly
6C8F7B

CSS Examples

Text

The CSS property to change the color of the text to Hex 46A56E 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 #46A56E looks like.

```
.text, #text, p{  
    color:#46A56E  
}
```

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 #46A56E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A56E
}
```

Border

The CSS property to change the border of an element to Hex 46A56E 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
#46A56E }
```

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

```
.border{ border-color:#46A56E }
```

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

Here you see how a box with a 4 pixel #46A56E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A56E; -webkit-box-shadow:4px 4px  
4px 4px #46A56E; box-shadow:4px 4px 4px  
4px #46A56E }
```

Background

The CSS property to change the background color of an element to Hex 46A56E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A56E }
```

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

```
.background{ background-color:#46A56E }
```

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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