

Converting Colors

Hex(46A060)

Have a look what the booklet for
Hex(46A060) contains.

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Color

Hex(46A060)

Conversions

Conversions Part 1

Format	Color
Hex	46A060
RGB	70, 160, 96
RGB Percent	27%, 63%, 38%
CMY	0.7255, 0.3725, 0.6235
CMYK	0.56, 0.00, 0.40, 0.37
HSL	137°, 39%, 45%
HSV	137°, 56%, 63%
XYZ	17.2079, 27.2882, 15.4265
YIQ	125.7940, -33.0960, -38.9840

Conversions

Conversions Part 2

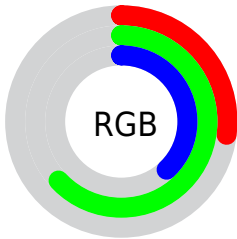
Format	Color
RYB	70, 140, 160
Decimal	4628576
CIELab	59.24, -41.45, 25.46
CIELCh	59, 48.649, 148.442
Yxy	27.2882, 0.2872, 0.4554
Android (android.graphics.Color)	4282818656 (0xFF46A060)
YUV	125.7940, -14.6884, -48.9313
Hunter-Lab	52.2381, -32.6165, 19.0577

Details

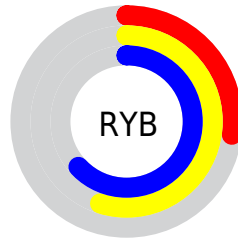
The Hex color **46A060** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A04686**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **7DD793**, and **006B30** is the 20% darker color. If you saturate the color by 10%, you get **36A055**, and if you desaturate by 10%, it is **56A06B**.

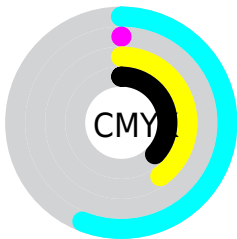
Distribution



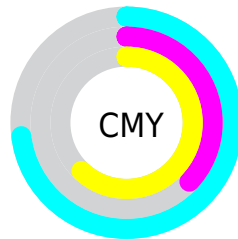
- Red (27%)
- Green (63%)
- Blue (38%)



- Red (27%)
- Yellow (55%)
- Blue (63%)



- Cyan (56%)
- Magenta (0%)
- Yellow (40%)
- Black (37%)



- Cyan (73%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A060 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 46A060 by changing the saturation by 10% instead.



46A060



46A060

FFFFFF



288548



7DD793



006B30



99F4AE



00521A



B6FFCA



003A02



D2FFE6



002600



F0FFFF



000000



46A060



46A060



36A055



56A06B



26A049



66A077

 16A03E

 76A082

 06A032

 86A08E

 00A02E

 96A099

 A6A0A4

 B6A0B0

 C6A0BB

 D6A0C6

Harmonies

Analogous

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



7E983F



46A060



00A48B

Triad

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



46A060



2D94E4



DC6D68

Complementary

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



46A060



A04686

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.



DB6993



46A060



8D84DA

Square

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



46A060



009ED7



C173BC



CA7C46

Rectangle

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



46A060



00A4A8



C173BC



DE6B76

Sweetspot

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



46A060



AED1B8



87A046



54695A



E8E8E8



696969

Same Dimension

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



46A060



43D16C



46A08C



474F49



008F29



000F04

Inverse Universe

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



A04686



D143A8



A0465A



4F474D



8F0066



0F000B

Previews

White Background



This preview shows how the Hex color 46A060 looks on a white background.

Color Contrast Check

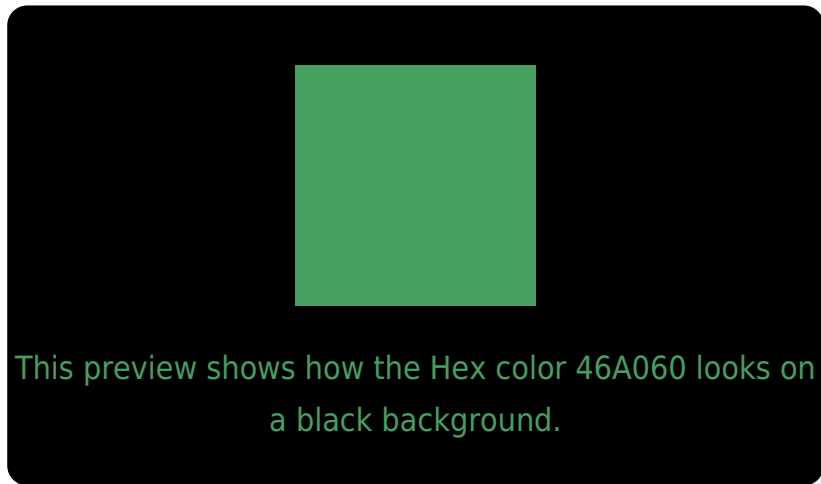
Large Text (above 18pt) WCAG AA ✓ Pass

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 46A060 Background



This preview shows how black text looks on a background with the Hex color 46A060.



This preview shows how white text looks on a background with the Hex color 46A060.

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
46A060

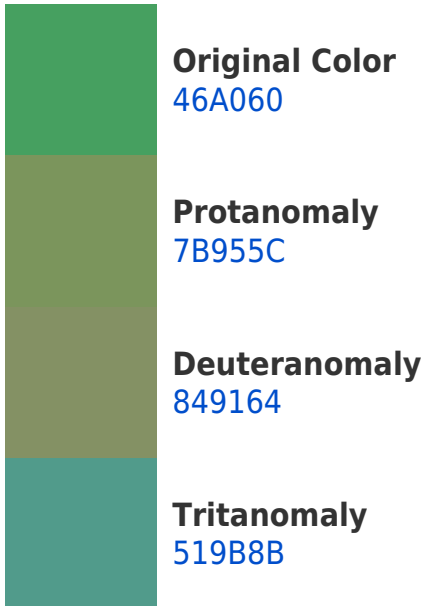
Protanopia
9A8E59

Deuteranopia
A88866

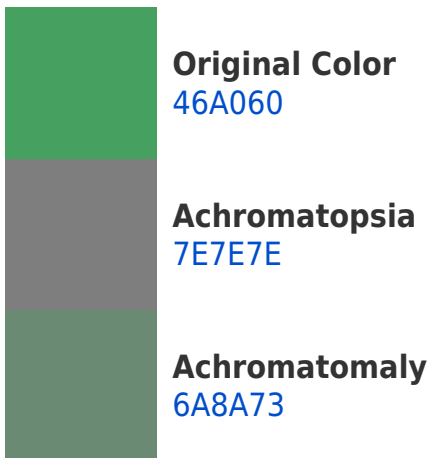


Tritanopia
5898A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A060 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 #46A060 looks like.

```
.text, #text, p{  
    color:#46A060  
}
```

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 #46A060 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A060
}
```

Border

The CSS property to change the border of an element to Hex 46A060 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
#46A060 }
```

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

```
.border{ border-color:#46A060 }
```

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

Here you see how a box with a 4 pixel #46A060 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A060; -webkit-box-shadow:4px 4px  
4px 4px #46A060; box-shadow:4px 4px 4px  
4px #46A060 }
```

Background

The CSS property to change the background color of an element to Hex 46A060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A060 }
```

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

```
.background{ background-color:#46A060 }
```

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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