

Converting Colors

Hex(46B358)

Have a look what the booklet for
Hex(46B358) contains.

Hex(46B358)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(46B358)

Conversions

Conversions Part 1

Format	Color
Hex	46B358
RGB	70, 179, 88
RGB Percent	27%, 70%, 35%
CMY	0.7255, 0.2980, 0.6549
CMYK	0.61, 0.00, 0.51, 0.30
HSL	130°, 44%, 49%
HSV	130°, 61%, 70%
XYZ	20.4073, 34.2469, 14.7672
YIQ	136.0350, -35.7530, -51.4090

Conversions

Conversions Part 2

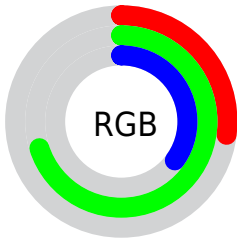
Format	Color
RYB	70, 164, 179
Decimal	4633432
CIELab	65.16, -50.42, 37.17
CIELCh	65, 62.640, 143.601
Yxy	34.2469, 0.2940, 0.4933
Android (android.graphics.Color)	4282823512 (0xFF46B358)
YUV	136.0350, -23.6813, -57.9127
Hunter-Lab	58.5208, -40.1651, 26.0032

Details

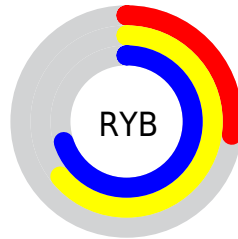
The Hex color **46B358** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B346A1**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **81EC8C**, and **007D27** is the 20% darker color. If you saturate the color by 10%, you get **34B349**, and if you desaturate by 10%, it is **58B367**.

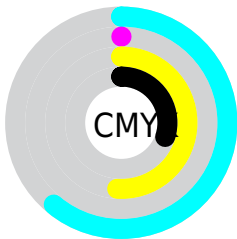
Distribution



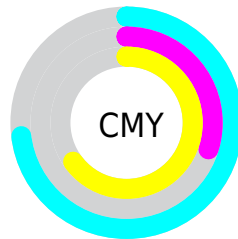
- Red (27%)
- Green (70%)
- Blue (35%)



- Red (27%)
- Yellow (64%)
- Blue (70%)



- Cyan (61%)
- Magenta (0%)
- Yellow (51%)
- Black (30%)



- Cyan (73%)
- Magenta (30%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46B358 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 46B358 by changing the saturation by 10% instead.

 46B358

 46B358

FFFFFF

 24983F

 81EC8C

 007D27

 9DFFA7

 00630C

 BAFFC2

 004A00

 D8FFDE

 003300

 F5FFFB

 001B00

 000000

 46B358

 46B358

 34B349

 58B367

 22B33A

 6AB376

 10B32B

 7CB385

 00B31E

 8EB394

 A0B3A3

 B1B3B2

 C3B3C1

 D5B3D0

 E7B3DE

Harmonies

Analogous

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



90A82C



46B358



00B890

Triad

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



46B358



00A8FF



FF6D75

Complementary

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



46B358



B346A1

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.



FD6AAD



46B358



8994FF

Square

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



46B358



00B4F8



D77CE1



EE8144

Rectangle

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



46B358



00B9B7



D77CE1



FF6A87

Sweetspot

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



46B358



BEE8C5



A3B346



5B7560



F5F5F5



757575

Same Dimension

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



46B358



3FE85B



46B38D



505952



009919



001A04

Inverse Universe

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



B346A1



E83FCC



B3466C



595058



990080



1A0015

Previews

White Background



This preview shows how the Hex color 46B358 looks on a white background.

Color Contrast Check

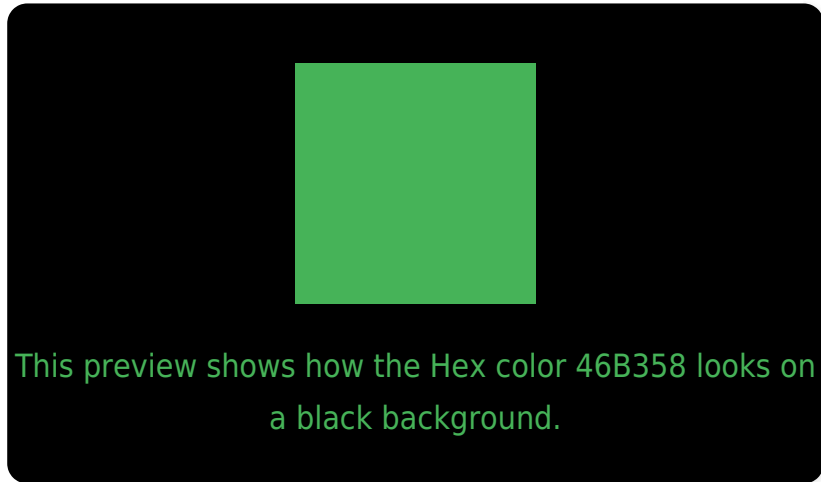
Large Text (above 18pt) WCAG AA × Fail

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

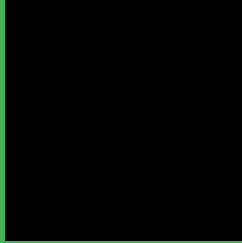
Any Text WCAG AA ✓ Pass

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 46B358 Background



This preview shows how black text looks on a background with the Hex color 46B358.

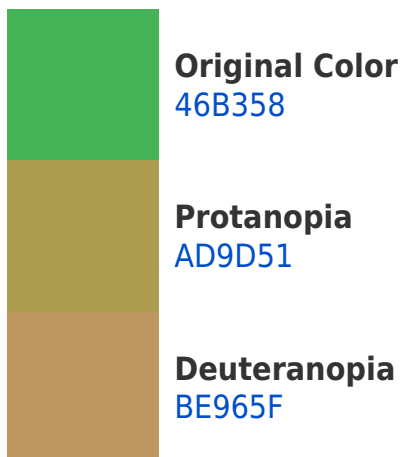


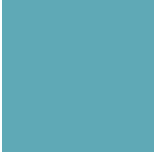
This preview shows how white text looks on a background with the Hex color 46B358.

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](#).

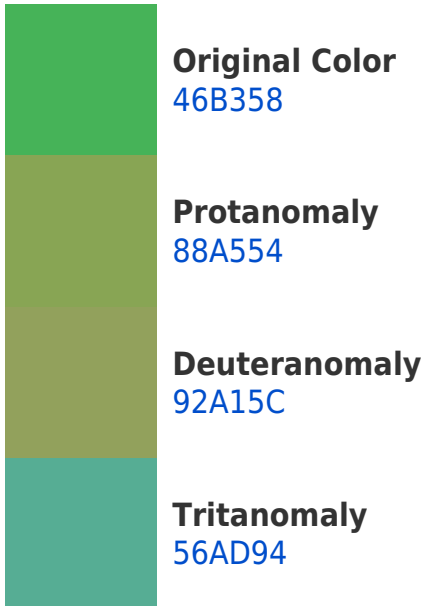
Dichromacy





Tritanopia
5FA9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46B358 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 #46B358 looks like.

```
.text, #text, p{  
    color:#46B358  
}
```

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 #46B358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B358
}
```

Border

The CSS property to change the border of an element to Hex 46B358 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
#46B358 }
```

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

```
.border{ border-color:#46B358 }
```

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

Here you see how a box with a 4 pixel #46B358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B358; -webkit-box-shadow:4px 4px  
4px 4px #46B358; box-shadow:4px 4px 4px  
4px #46B358 }
```

Background

The CSS property to change the background color of an element to Hex 46B358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B358 }
```

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

```
.background{ background-color:#46B358 }
```

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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