

Converting Colors

Hex(3EA358)

Have a look what the booklet for
Hex(3EA358) contains.

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Color

Hex(3EA358)

Conversions

Conversions Part 1

Format	Color
Hex	3EA358
RGB	62, 163, 88
RGB Percent	24%, 64%, 35%
CMY	0.7569, 0.3608, 0.6549
CMYK	0.62, 0.00, 0.46, 0.36
HSL	135°, 45%, 44%
HSV	135°, 62%, 64%
XYZ	16.8453, 27.9231, 13.7344
YIQ	124.2510, -36.1210, -44.7370

Conversions

Conversions Part 2

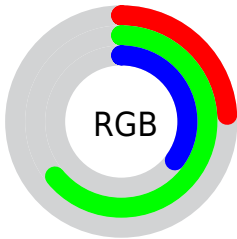
Format	Color
R _{YB}	62, 142, 163
Decimal	4105048
CIE Lab	59.82, -45.95, 30.42
CIE LCh	60, 55.108, 146.495
Yxy	27.9231, 0.2879, 0.4773
Android (android.graphics.Color)	4282295128 (0xFF3EA358)
YUV	124.2510, -17.8717, -54.5941
Hunter-Lab	52.8423, -35.5712, 21.5794

Details

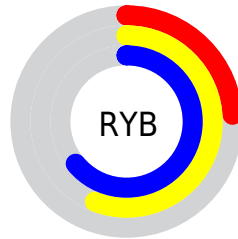
The Hex color **3EA358** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A33E89**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **77DB8B**, and **006E28** is the 20% darker color. If you saturate the color by 10%, you get **2EA34C**, and if you desaturate by 10%, it is **4EA364**.

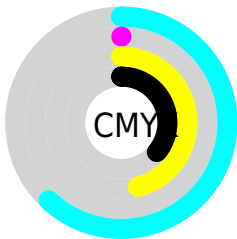
Distribution



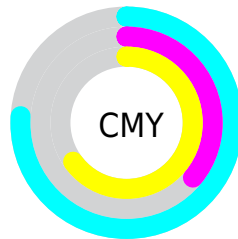
- Red (24%)
- Green (64%)
- Blue (35%)



- Red (24%)
- Yellow (56%)
- Blue (64%)



- Cyan (62%)
- Magenta (0%)
- Yellow (46%)
- Black (36%)



- Cyan (76%)
- Magenta (36%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3EA358 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 3EA358 by changing the saturation by 10% instead.

 3EA358

 3EA358


FFFFFF

 1C8840

 77DB8B

 006E28

 94F8A6

 005511

 B0FFC1

 003D00

 CDFFD

 002700

 EBFFFA

 000000

 3EA358

 3EA358

 2EA34C

 4EA364

 1DA340

 5FA370

 0DA334

 6FA37C

 00A32A

 7FA388

 90A395

 A0A3A1

 B0A3AD

 C0A3B9

 D1A3C5

Harmonies

Analogous

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



809A32



3EA358



00A789

Triad

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



3EA358



0097F1



E76868

Complementary

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



3EA358



A33E89

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.



E46498



3EA358



8786E7

Square

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



3EA358



00A2E0



C671C6



D3793F

Rectangle

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



3EA358



00A8AA



C671C6



E96577

Sweetspot

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



3EA358



ABD4B6



8AA33E



526B59



EBEBEB



6B6B6B

Same Dimension

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



3EA358



37D45F



3EA38A



49524C



009125



001205

Inverse Universe

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



A33E89



D437AB



A33E57



52494F



91006C



12000D

Previews

White Background



This preview shows how the Hex color 3EA358 looks on a white background.

Color Contrast Check

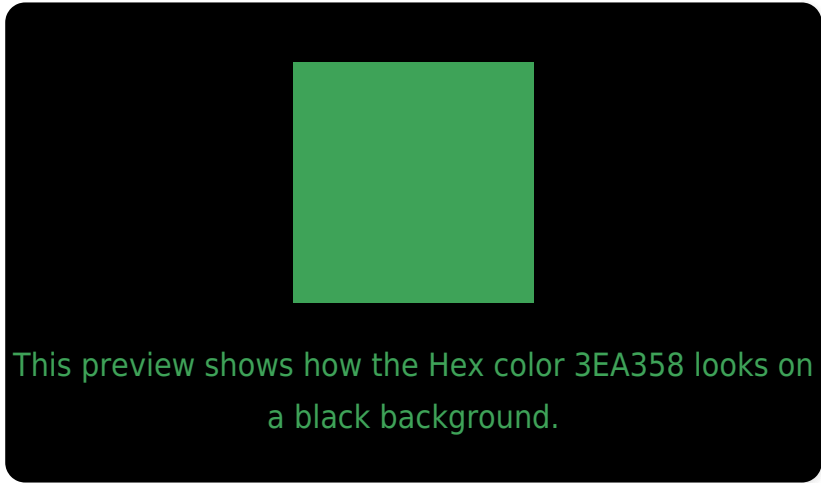
Large Text (above 18pt) WCAG AA ✓ Pass

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

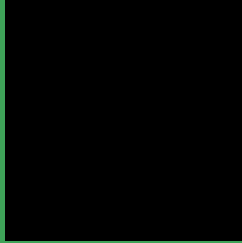
Any Text WCAG AA ✓ Pass

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 3EA358 Background



This preview shows how black text looks on a background with the Hex color 3EA358.



This preview shows how white text looks on a background with the Hex color 3EA358.

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
3EA358

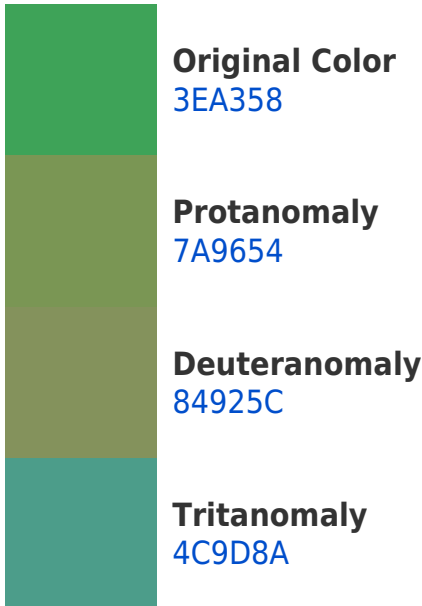
Protanopia
9D8F51

Deuteranopia
AC895E

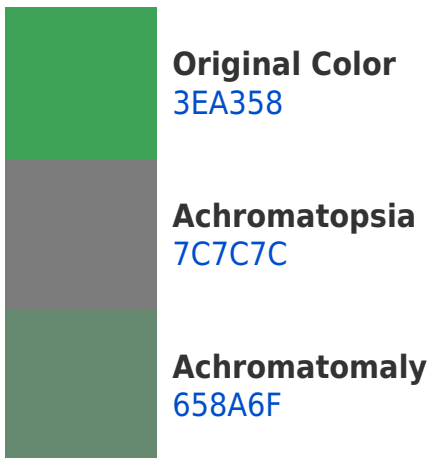


Tritanopia
549AA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3EA358 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 #3EA358 looks like.

```
.text, #text, p{  
    color:#3EA358  
}
```

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 #3EA358 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3EA358
}
```

Border

The CSS property to change the border of an element to Hex 3EA358 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
#3EA358 }
```

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

```
.border{ border-color:#3EA358 }
```

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

Here you see how a box with a 4 pixel #3EA358 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3EA358; -webkit-box-shadow:4px 4px  
4px 4px #3EA358; box-shadow:4px 4px 4px  
4px #3EA358 }
```

Background

The CSS property to change the background color of an element to Hex 3EA358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3EA358 }
```

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

```
.background{ background-color:#3EA358 }
```

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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