

Converting Colors

Hex(6DA359)

Have a look what the booklet for
Hex(6DA359) contains.

Hex(6DA359)	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(6DA359)

Conversions

Conversions Part 1

Format	Color
Hex	6DA359
RGB	109, 163, 89
RGB Percent	43%, 64%, 35%
CMY	0.5725, 0.3608, 0.6510
CMYK	0.33, 0.00, 0.45, 0.36
HSL	104°, 29%, 49%
HSV	104°, 45%, 64%
XYZ	21.2070, 30.1669, 14.1563
YIQ	138.4180, -8.4300, -34.4620

Conversions

Conversions Part 2

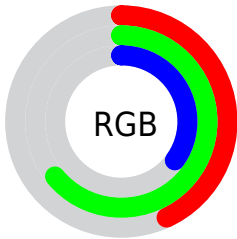
Format	Color
RYB	89, 163, 143
Decimal	7185241
CIELab	61.80, -32.07, 32.81
CIELCh	62, 45.887, 134.346
Yxy	30.1669, 0.3236, 0.4604
Android (android.graphics.Color)	4285375321 (0xFF6DA359)
YUV	138.4180, -24.3631, -25.7996
Hunter-Lab	54.9244, -27.1964, 23.1656

Details

The Hex color **6DA359** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8F59A3**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A3DA8C**, and **396F29** is the 20% darker color. If you saturate the color by 10%, you get **61A349**, and if you desaturate by 10%, it is **79A369**.

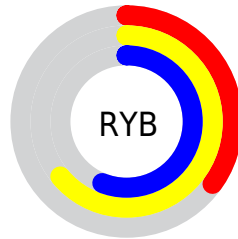
Distribution



Red (43%)

Green (64%)

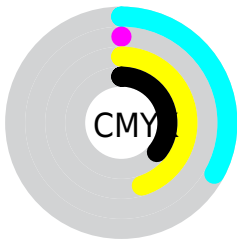
Blue (35%)



Red (35%)

Yellow (64%)

Blue (56%)

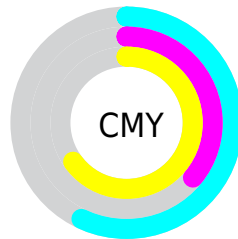


Cyan (33%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (57%)

Magenta (36%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DA359 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 6DA359 by changing the saturation by 10% instead.



6DA359



6DA359

FFFFFF



538841



A3DA8C



396F29



BEF7A7



1F5611



DBFFC2



013E00



F8FFDF



002800



FFFFFFB



000C00



000000



6DA359



6DA359



61A349



79A369

 55A338

 85A37A

 49A328

 91A38A

 3DA318

 9DA39A

 32A307

 A8A3AB

 2CA300

 B4A3BB

 C0A3CB

 CCA3DB

 D8A3EC

Harmonies

Analogous

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



9A9943



6DA359



29A97E

Triad

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



6DA359



00A0E3



E27383

Complementary

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



6DA359



8F59A3

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.



D676AC



6DA359



7593E4

Square

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



6DA359



00A7CD



B283D0



D97D5E

Rectangle

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



6DA359



00AA9A



B283D0



E07391

Sweetspot

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



6DA359



BED4B6



A38E59



5E6B59



EBEBEB



6B6B6B

Same Dimension

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



6DA359



80D461



59A369



4C5249



279100



051200

Inverse Universe

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



8F59A3



B561D4



A35993



4F4952



6A0091



0D0012

Previews

White Background



This preview shows how the Hex color 6DA359 looks on a white background.

Color Contrast Check

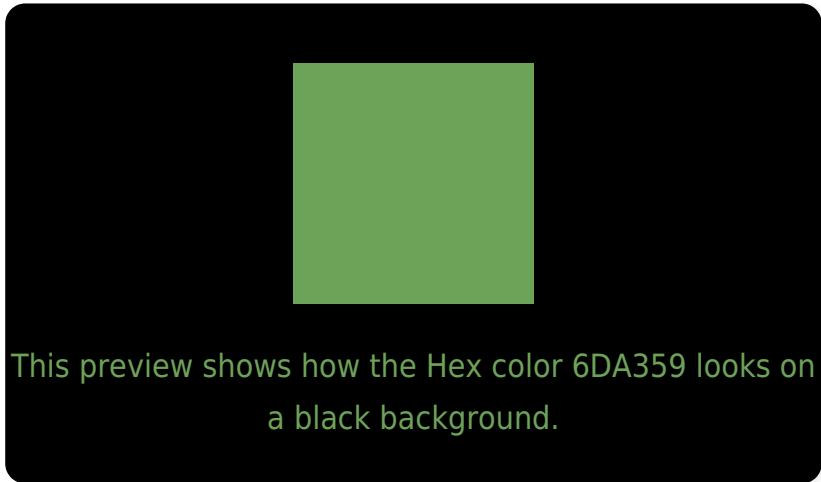
Large Text (above 18pt) WCAG AA × Fail

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 6DA359 Background



This preview shows how black text looks on a background with the Hex color 6DA359.




This preview shows how white text looks on a background with the Hex color 6DA359.

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](#).

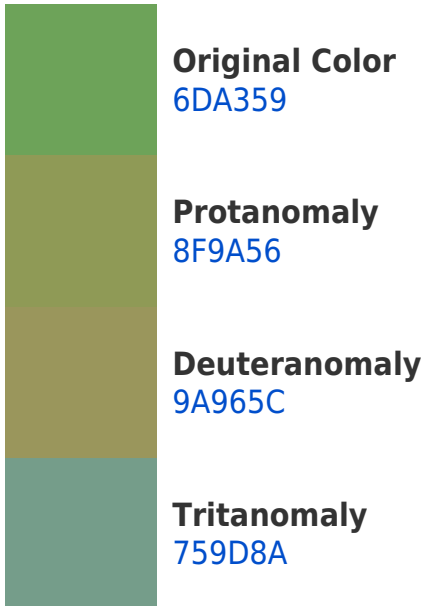
Dichromacy



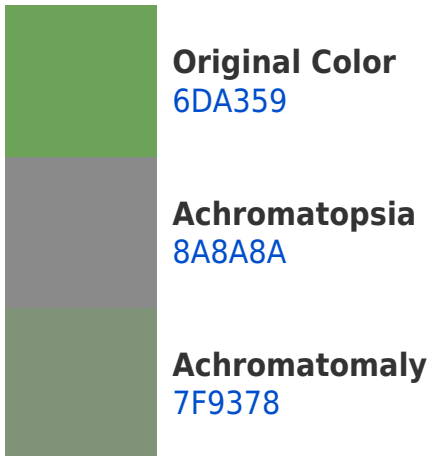


Tritanopia
7A9AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6DA359 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 #6DA359 looks like.

```
.text, #text, p{  
    color:#6DA359  
}
```

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 #6DA359 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DA359
}
```

Border

The CSS property to change the border of an element to Hex 6DA359 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
#6DA359 }
```

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

```
.border{ border-color:#6DA359 }
```

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

Here you see how a box with a 4 pixel #6DA359 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DA359; -webkit-box-shadow:4px 4px  
4px 4px #6DA359; box-shadow:4px 4px 4px  
4px #6DA359 }
```

Background

The CSS property to change the background color of an element to Hex 6DA359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DA359 }
```

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

```
.background{ background-color:#6DA359 }
```

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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