

Converting Colors

Hex(6EC356)

Have a look what the booklet for
Hex(6EC356) contains.

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Color

Hex(6EC356)

Conversions

Conversions Part 1

Format	Color
Hex	6EC356
RGB	110, 195, 86
RGB Percent	43%, 76%, 34%
CMY	0.5686, 0.2353, 0.6627
CMYK	0.44, 0.00, 0.56, 0.24
HSL	107°, 48%, 55%
HSV	107°, 56%, 76%
XYZ	27.6252, 43.0171, 15.6512
YIQ	157.1590, -15.6710, -51.9190

Conversions

Conversions Part 2

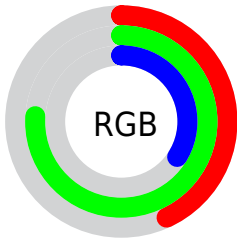
Format	Color
RYB	86, 195, 171
Decimal	7258966
CIELab	71.57, -46.24, 46.21
CIELCh	72, 65.372, 135.019
Yxy	43.0171, 0.3201, 0.4985
Android (android.graphics.Color)	4285449046 (0xFF6EC356)
YUV	157.1590, -35.0814, -41.3584
Hunter-Lab	65.5874, -39.5943, 31.7627

Details

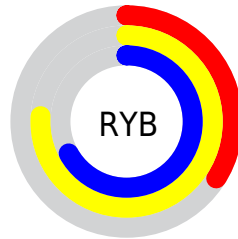
The Hex color **6EC356** is a dark color, and the websafe version is hex **66CC66**. The color can be described as dark muted chartreuse. A complement of this color would be **AB56C3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **A6FC8B**, and **358D22** is the 20% darker color. If you saturate the color by 10%, you get **5FC343**, and if you desaturate by 10%, it is **7DC36A**.

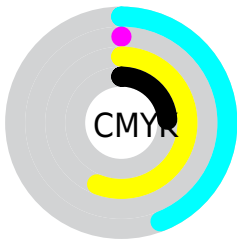
Distribution



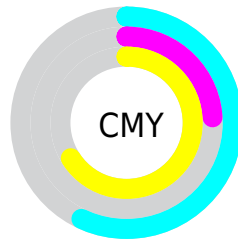
- Red (43%)
- Green (76%)
- Blue (34%)



- Red (34%)
- Yellow (76%)
- Blue (67%)



- Cyan (44%)
- Magenta (0%)
- Yellow (56%)
- Black (24%)



- Cyan (57%)
- Magenta (24%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EC356 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 6EC356 by changing the saturation by 10% instead.

 6EC356

 6EC356

FFFFFF

 52A73C

 A6FC8B

 358D22

 C3FFA6

 0F7200

 E0FFC2

 005900

 FEFFDE

 004100

 FFFFFB

 002B00

 000B00

 000000

 6EC356

 6EC356

 5FC343

 7DC36A

 50C32F

 8CC37D

 40C31C

 9CC391

 31C308

 ABC3A4

 2BC300

 BAC3B8

 C9C3CB

 D8C3DE

 E8C3F2

 F7C3FF

Harmonies

Analogous

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



B2B630



6EC356



00CA8E

Triad

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



6EC356



00BEFF



FF7994

Complementary

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



6EC356



AB56C3

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.



FF7DD0



6EC356



77ACFF

Square

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



6EC356



00C9FF



D993FF



FF8A5D

Rectangle

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



6EC356



00CCB8



D993FF



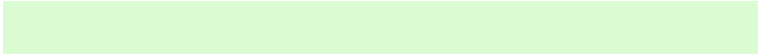
FF77A8

Sweetspot

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



6EC356



DBFCD2



C3AA56



6C8066



000000



808080

Same Dimension

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



6EC356



79FC53



56C373



596157



23A100



072100

Inverse Universe

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



AB56C3



D753FC



C356A6



5F5761



7D00A1



1A0021

Previews

White Background



This preview shows how the Hex color 6EC356 looks on a white background.

Color Contrast Check

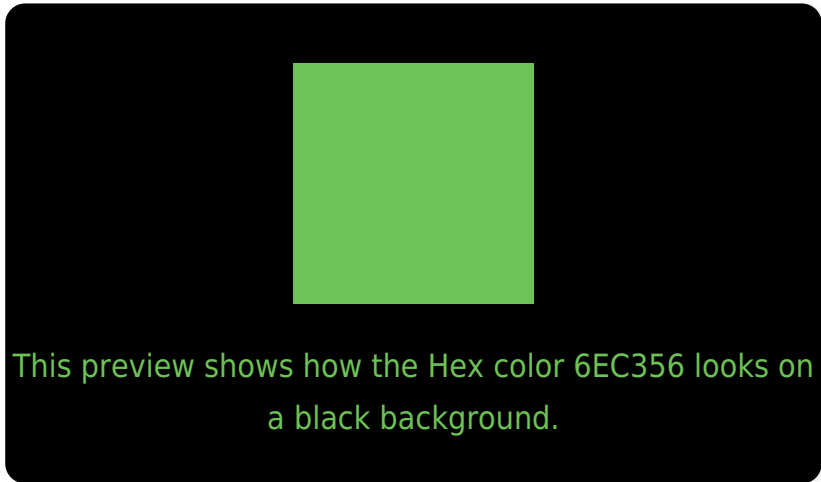
Large Text (above 18pt) WCAG AA × Fail

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 6EC356 Background



This preview shows how black text looks on a background with the Hex color 6EC356.



This preview shows how white text looks on a background with the Hex color 6EC356.

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](#).

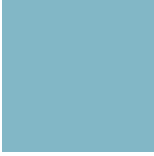
Dichromacy



Original Color
6EC356

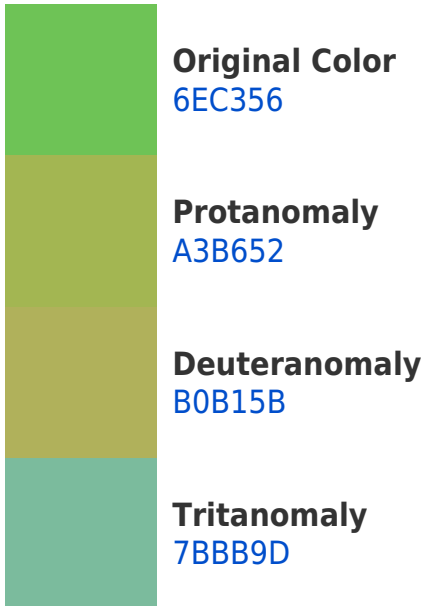
Protanopia
C1AF50

Deuteranopia
D5A65E

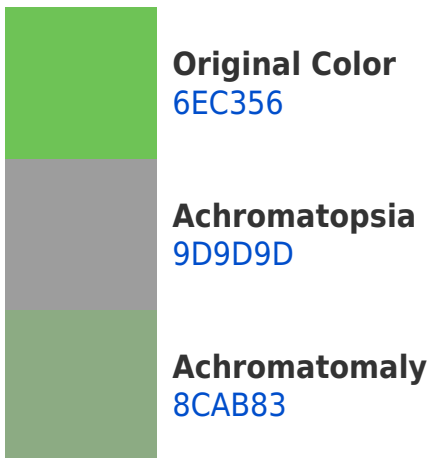


Tritanopia
82B7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EC356 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 #6EC356 looks like.

```
.text, #text, p{  
    color:#6EC356  
}
```

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 #6EC356 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EC356
}
```

Border

The CSS property to change the border of an element to Hex 6EC356 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
#6EC356 }
```

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

```
.border{ border-color:#6EC356 }
```

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

Here you see how a box with a 4 pixel #6EC356 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EC356; -webkit-box-shadow:4px 4px  
4px 4px #6EC356; box-shadow:4px 4px 4px  
4px #6EC356 }
```

Background

The CSS property to change the background color of an element to Hex 6EC356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EC356 }
```

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

```
.background{ background-color:#6EC356 }
```

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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