

Converting Colors

Hex(6EA950)

Have a look what the booklet for
Hex(6EA950) contains.

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Color

Hex(6EA950)

Conversions

Conversions Part 1

Format	Color
Hex	6EA950
RGB	110, 169, 80
RGB Percent	43%, 66%, 31%
CMY	0.5686, 0.3373, 0.6863
CMYK	0.35, 0.00, 0.53, 0.34
HSL	100°, 36%, 49%
HSV	100°, 53%, 66%
XYZ	22.0663, 32.2701, 12.6552
YIQ	141.2130, -6.5950, -40.1870

Conversions

Conversions Part 2

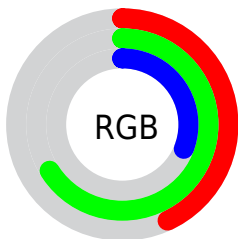
Format	Color
RYB	80, 169, 139
Decimal	7252304
CIELab	63.57, -35.65, 39.58
CIELCh	64, 53.268, 132.012
Yxy	32.2701, 0.3294, 0.4817
Android (android.graphics.Color)	4285442384 (0xFF6EA950)
YUV	141.2130, -30.1780, -27.3738
Hunter-Lab	56.8068, -30.0744, 26.5564

Details

The Hex color **6EA950** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **8B50A9**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **A4E183**, and **39741E** is the 20% darker color. If you saturate the color by 10%, you get **63A93F**, and if you desaturate by 10%, it is **79A961**.

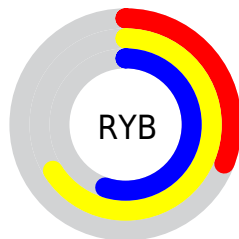
Distribution



Red (43%)

Green (66%)

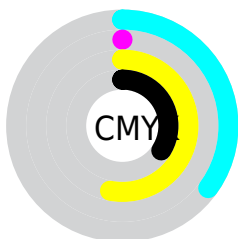
Blue (31%)



Red (31%)

Yellow (66%)

Blue (55%)

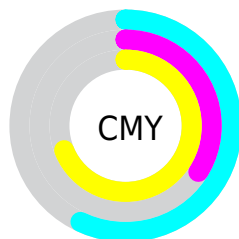


Cyan (35%)

Magenta (0%)

Yellow (53%)

Black (34%)



Cyan (57%)

Magenta (34%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6EA950 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 6EA950 by changing the saturation by 10% instead.



6EA950



6EA950

FFFFFF



548E37



A4E183



39741E



C0FD9E



1D5B01



DdffBA



004300



FAFFD6



002C00



FFFFF2



001500



000000



6EA950



6EA950



63A93F



79A961

 58A92E

 84A972

 4CA91D

 90A983

 41A90C

 9BA994

 39A900

 A6A9A4

 B1A9B5

 BCA9C6

 C8A9D7

 D3A9E8

Harmonies

Analogous

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



A29D37



6EA950



00AF7B

Triad

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



6EA950



00A7F4



F27089

Complementary

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



6EA950



8B50A9

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.



E275B8



6EA950



6899F7

Square

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



6EA950



00AFD8



B686E1



E97B5D

Rectangle

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



6EA950



00B19C



B686E1



F07099

Sweetspot

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



6EA950



C4DBB8



A98A50



606E59



EDEDED



6E6E6E

Same Dimension

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



6EA950



80DB51



50A95D



4F544C



329400



071400

Inverse Universe

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



8B50A9



AD51DB



A9509C



514C54



620094



0E0014

Previews

White Background



This preview shows how the Hex color 6EA950 looks on a white background.

Color Contrast Check

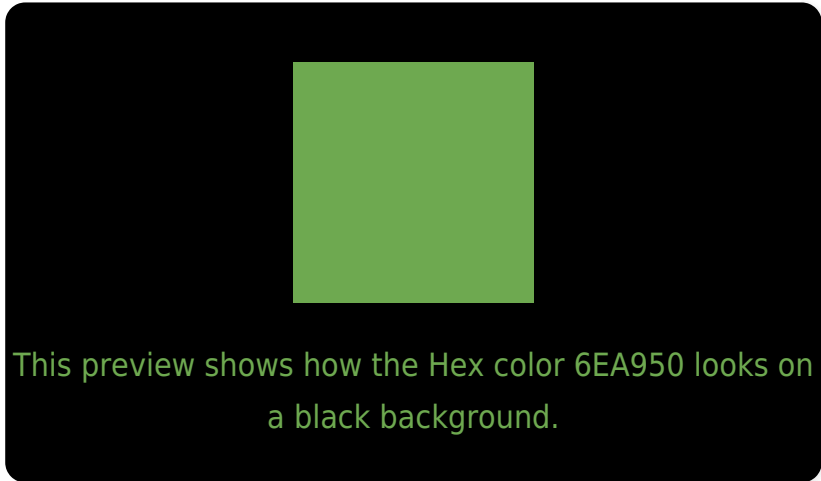
Large Text (above 18pt) WCAG AA × Fail

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 6EA950 Background



This preview shows how black text looks on a background with the Hex color 6EA950.

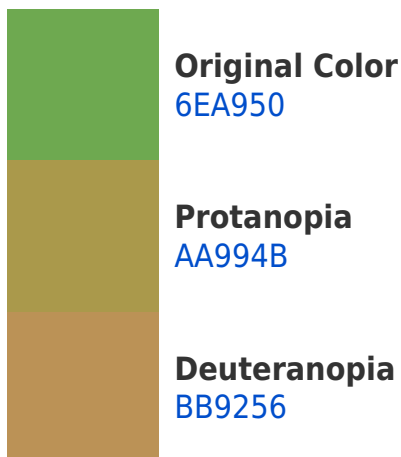


This preview shows how white text looks on a background with the Hex color 6EA950.

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](#).

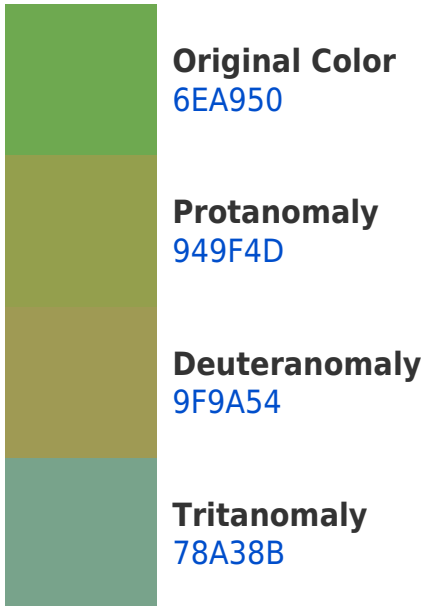
Dichromacy



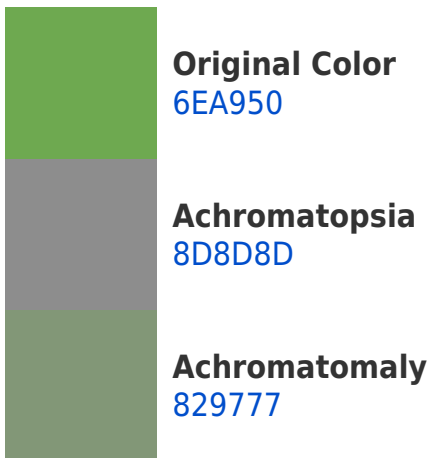


Tritanopia
7D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6EA950 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 #6EA950 looks like.

```
.text, #text, p{  
    color:#6EA950  
}
```

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 #6EA950 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6EA950
}
```

Border

The CSS property to change the border of an element to Hex 6EA950 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
#6EA950 }
```

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

```
.border{ border-color:#6EA950 }
```

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

Here you see how a box with a 4 pixel #6EA950 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6EA950; -webkit-box-shadow:4px 4px  
4px 4px #6EA950; box-shadow:4px 4px 4px  
4px #6EA950 }
```

Background

The CSS property to change the background color of an element to Hex 6EA950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6EA950 }
```

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

```
.background{ background-color:#6EA950 }
```

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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