

Converting Colors

Hex(6AAF58)

Have a look what the booklet for
Hex(6AAF58) contains.

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Color

Hex(6AAF58)

Conversions

Conversions Part 1

Format	Color
Hex	6AAF58
RGB	106, 175, 88
RGB Percent	42%, 69%, 35%
CMY	0.5843, 0.3137, 0.6549
CMYK	0.39, 0.00, 0.50, 0.31
HSL	108°, 35%, 52%
HSV	108°, 50%, 69%
XYZ	23.0353, 34.4287, 14.6638
YIQ	144.4510, -13.1970, -41.6850

Conversions

Conversions Part 2

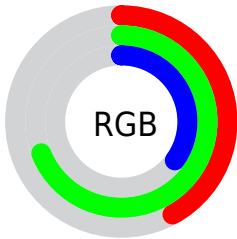
Format	Color
RYB	88, 175, 157
Decimal	6991704
CIELab	65.30, -38.70, 37.66
CIELCh	65, 53.999, 135.781
Yxy	34.4287, 0.3194, 0.4773
Android (android.graphics.Color)	4285181784 (0xFF6AAF58)
YUV	144.4510, -27.8303, -33.7215
Hunter-Lab	58.6760, -32.6066, 26.2559

Details

The Hex color **6AAF58** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9D58AF**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **A1E78C**, and **347A27** is the 20% darker color. If you saturate the color by 10%, you get **5CAF46**, and if you desaturate by 10%, it is **78AF6A**.

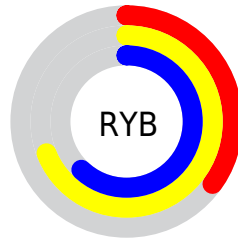
Distribution



Red (42%)

Green (69%)

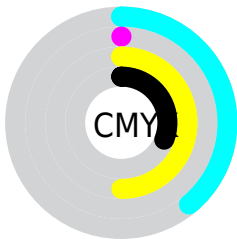
Blue (35%)



Red (35%)

Yellow (69%)

Blue (62%)

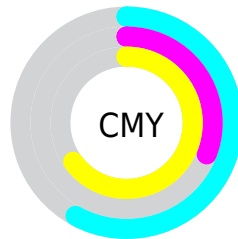


Cyan (39%)

Magenta (0%)

Yellow (50%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6AAF58 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 6AAF58 by changing the saturation by 10% instead.



6AAF58



6AAF58

FFFFFF



4F943F



A1E78C



347A27



BDFFA7



15610C



D9FFC2



004800



F7FFDE



003100



FFFFFFB



001B00



000000



6AAF58



6AAF58



5CAF46



78AF6A

 4EAF35

 86AF7B

 40AF23

 94AF8C

 32AF12

 A2AF9E

 25AF00

 AFAFB0

 24AF00

 BDAFC1

 CBAFD3

 D9AFE4

 E7AFF6

Harmonies

Analogous

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



A1A43C



6AAF58



00B585

Triad

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



6AAF58



00AAF8



F87587

Complementary

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



6AAF58



9D58AF

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.



EC77B8



6AAF58



789BFC

Square

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



6AAF58



00B3E3



C287E2



EC815B

Rectangle

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



6AAF58



00B7A7



C287E2



F77497

Sweetspot

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



6AAF58



C8E3C1



AF9C58



62735E



F2F2F2



737373

Same Dimension

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



6AAF58



77E35B



58AF71



50574E



1F9600



051700

Inverse Universe

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



9D58AF



C75BE3



AF5896



554E57



770096



120017

Previews

White Background



This preview shows how the Hex color 6AAF58 looks on a white background.

Color Contrast Check

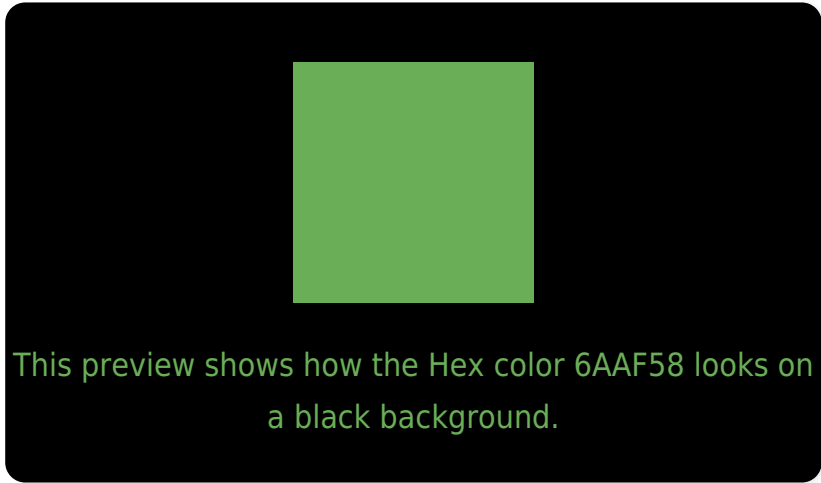
Large Text (above 18pt) WCAG AA × Fail

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 6AAF58 Background



This preview shows how black text looks on a background with the Hex color 6AAF58.

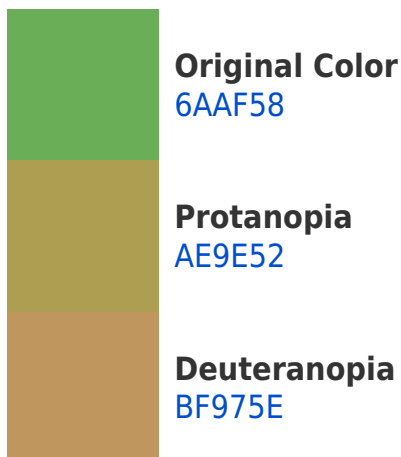


This preview shows how white text looks on a background with the Hex color 6AAF58.

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](#).

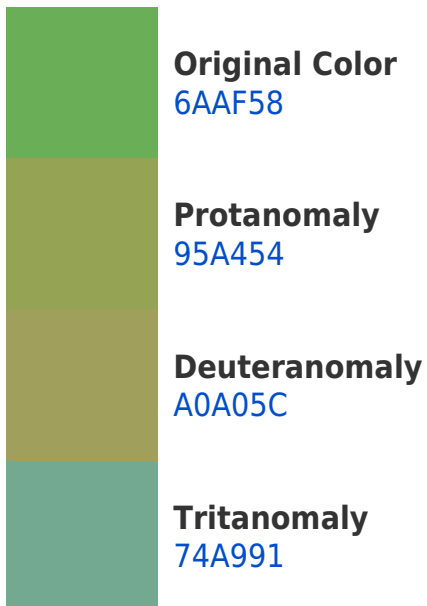
Dichromacy



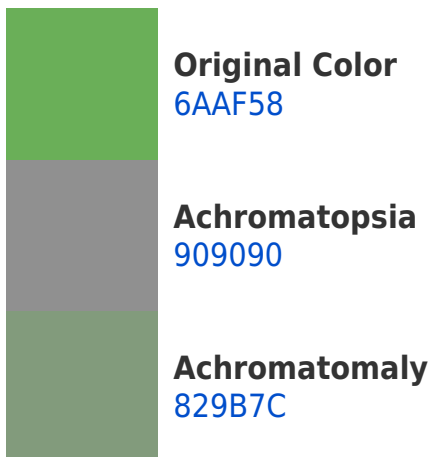


Tritanopia
7AA5B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6AAF58 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 #6AAF58 looks like.

```
.text, #text, p{  
    color:#6AAF58  
}
```

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 #6AAF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6AAF58
}
```

Border

The CSS property to change the border of an element to Hex 6AAF58 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
#6AAF58 }
```

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

```
.border{ border-color:#6AAF58 }
```

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

Here you see how a box with a 4 pixel #6AAF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6AAF58; -webkit-box-shadow:4px 4px  
4px 4px #6AAF58; box-shadow:4px 4px 4px  
4px #6AAF58 }
```

Background

The CSS property to change the background color of an element to Hex 6AAF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6AAF58 }
```

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

```
.background{ background-color:#6AAF58 }
```

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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