

Converting Colors

Hex(6BAF79)

Have a look what the booklet for
Hex(6BAF79) contains.

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Color

Hex(6BAF79)

Conversions

Conversions Part 1

Format	Color
Hex	6BAF79
RGB	107, 175, 121
RGB Percent	42%, 69%, 47%
CMY	0.5804, 0.3137, 0.5255
CMYK	0.39, 0.00, 0.31, 0.31
HSL	132°, 30%, 55%
HSV	132°, 39%, 69%
XYZ	24.8446, 35.1662, 23.5675
YIQ	148.5120, -23.1940, -31.2100

Conversions

Conversions Part 2

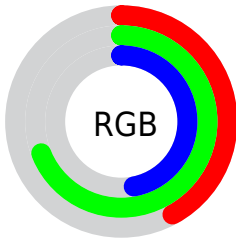
Format	Color
RYB	107, 163, 175
Decimal	7057273
CIELab	65.88, -33.23, 21.09
CIELCh	66, 39.354, 147.601
Yxy	35.1662, 0.2973, 0.4208
Android (android.graphics.Color)	4285247353 (0xFF6BAF79)
YUV	148.5120, -13.5634, -36.4060
Hunter-Lab	59.3011, -28.9933, 17.9477

Details

The Hex color **6BAF79** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AF6BA1**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **A1E7AE**, and **377A48** is the 20% darker color. If you saturate the color by 10%, you get **5AAF6B**, and if you desaturate by 10%, it is **7DAF87**.

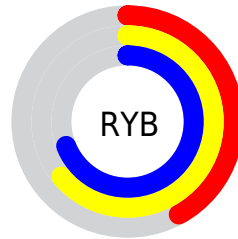
Distribution



Red (42%)

Green (69%)

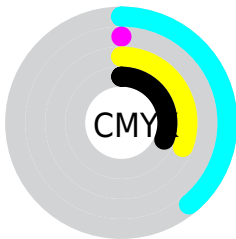
Blue (47%)



Red (42%)

Yellow (64%)

Blue (69%)

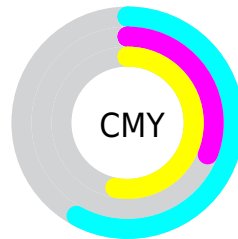


Cyan (39%)

Magenta (0%)

Yellow (31%)

Black (31%)



Cyan (58%)

Magenta (31%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAF79 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 6BAF79 by changing the saturation by 10% instead.



6BAF79



6BAF79

FFFFFF



519460



A1E7AE



377A48



BDFFC9



1B6131



D9FFE5



00481B



F6FFFF



003103



001D00



000000



6BAF79



6BAF79



5AAF6B



7DAF87

 48AF5D

 8EAF95

 36AF4F

 A0AFA3

 25AF41

 B1AFB1

 14AF34

 C3AFBE

 02AF26

 D4AFCC

 00AF24

 E6AFDA

 F7AFE8

 FFAFF6

Harmonies

Analogous

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



95A860



6BAF79



35B29C

Triad

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



6BAF79



64A4E6



E38781

Complementary

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



6BAF79



AF6BA1

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.



E084A4



6BAF79



9F98DF

Square

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



6BAF79



00ADD8



CA8BC6



D59165

Rectangle

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



6BAF79



00B3B4



CA8BC6



E4858C

Sweetspot

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



6BAF79



C8E3CD



A1AF6B



637366



F2F2F2



737373

Same Dimension

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



6BAF79



78E38E



6BAF9B



4E5750



00961F



001705

Inverse Universe

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



AF6BA1



E378CD



AF6B7F



574E55



960077



170012

Previews

White Background



This preview shows how the Hex color 6BAF79 looks on a white background.

Color Contrast Check

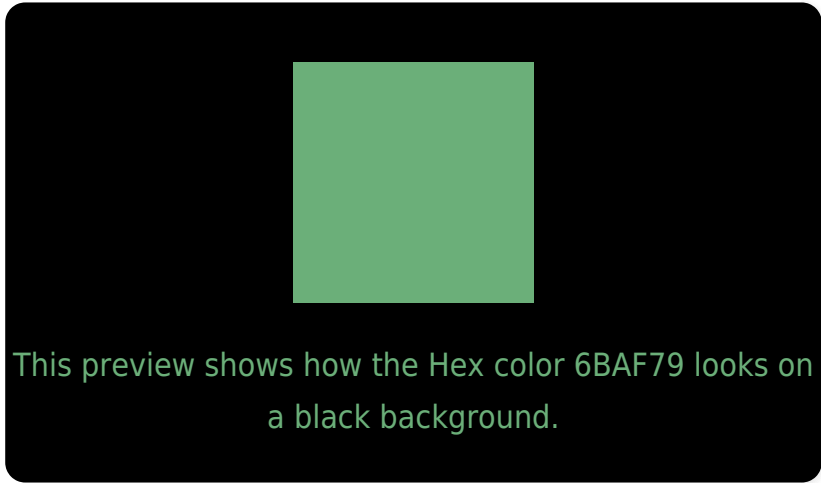
Large Text (above 18pt) WCAG AA × Fail

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

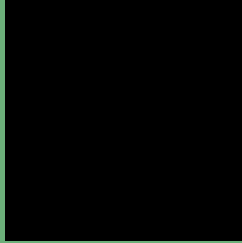
Any Text WCAG AA ✓ Pass

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 6BAF79 Background



This preview shows how black text looks on a background with the Hex color 6BAF79.

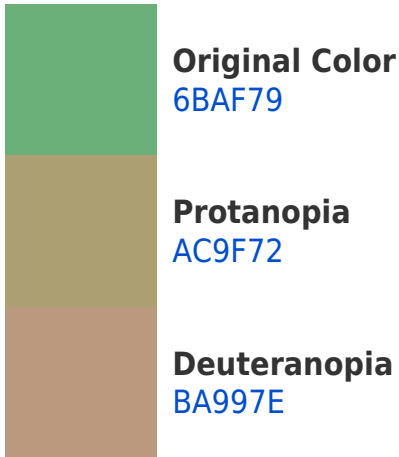


This preview shows how white text looks on a background with the Hex color 6BAF79.

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
77A7B5

Trichromacy



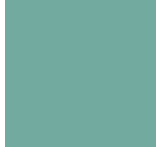
Original Color
6BAF79



Protanomaly
94A575



Deuteranomaly
9DA17C



Tritanomaly
73AA9F

Monochromacy



Original Color
6BAF79



Achromatopsia
959595



Achromatomaly
869E8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAF79 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 #6BAF79 looks like.

```
.text, #text, p{  
    color:#6BAF79  
}
```

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 #6BAF79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAF79
}
```

Border

The CSS property to change the border of an element to Hex 6BAF79 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
#6BAF79 }
```

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

```
.border{ border-color:#6BAF79 }
```

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

Here you see how a box with a 4 pixel #6BAF79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAF79; -webkit-box-shadow:4px 4px  
4px 4px #6BAF79; box-shadow:4px 4px 4px  
4px #6BAF79 }
```

Background

The CSS property to change the background color of an element to Hex 6BAF79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAF79 }
```

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

```
.background{ background-color:#6BAF79 }
```

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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