

Converting Colors

Hex(6FA175)

Have a look what the booklet for
Hex(6FA175) contains.

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Color

Hex(6FA175)

Conversions

Conversions Part 1

Format	Color
Hex	6FA175
RGB	111, 161, 117
RGB Percent	44%, 63%, 46%
CMY	0.5647, 0.3686, 0.5412
CMYK	0.31, 0.00, 0.27, 0.37
HSL	127°, 21%, 53%
HSV	127°, 31%, 63%
XYZ	22.5113, 30.1536, 21.4634
YIQ	141.0340, -15.6760, -24.2840

Conversions

Conversions Part 2

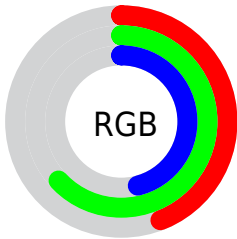
Format	Color
RYB	111, 156, 161
Decimal	7315829
CIELab	61.79, -25.93, 17.72
CIELCh	62, 31.406, 145.658
Yxy	30.1536, 0.3037, 0.4068
Android (android.graphics.Color)	4285505909 (0xFF6FA175)
YUV	141.0340, -11.8488, -26.3398
Hunter-Lab	54.9123, -22.9204, 15.2641

Details

The Hex color **6FA175** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A16F9B**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **A4D8A9**, and **3D6D44** is the 20% darker color. If you saturate the color by 10%, you get **5FA167**, and if you desaturate by 10%, it is **7FA183**.

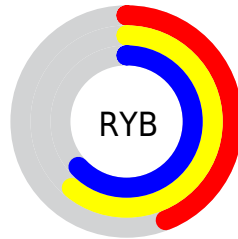
Distribution



Red (44%)

Green (63%)

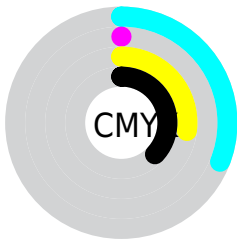
Blue (46%)



Red (44%)

Yellow (61%)

Blue (63%)

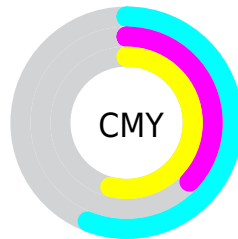


Cyan (31%)

Magenta (0%)

Yellow (27%)

Black (37%)



Cyan (56%)

Magenta (37%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FA175 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 6FA175 by changing the saturation by 10% instead.



6FA175



6FA175

FFFFFF



56875C



A4D8A9



3D6D44



C0F5C5



24542E



DCFFE1



0A3D18



F9FFFD



002700



000C00



000000



6FA175



6FA175



5FA167



7FA183

 4FA159

 8FA191

 3FA14A

 9FA1A0

 2FA13C

 AFA1AE

 1EA12E

 C0A1BC

 0EA120

 D0A1CA

 00A113

 E0A1D8

 F0A1E6

 FFA1F5

Harmonies

Analogous

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



8F9B62



6FA175



4DA490

Triad

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



6FA175



6899CC



CC827F

Complementary

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



6FA175



A16F9B

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.



C8809A



6FA175



9390C7

Square

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



6FA175



3EA0C2



B586B5



C18968

Rectangle

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



6FA175



38A4A3



B586B5



CC8088

Sweetspot

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



6FA175



BED1C1



9BA16F



5D695E



E8E8E8



696969

Same Dimension

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



6FA175



84D18D



6FA18E



49524A



009111



001202

Inverse Universe

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



A16F9B



D184C8



A16F82



524951



910080



120010

Previews

White Background



This preview shows how the Hex color 6FA175 looks on a white background.

Color Contrast Check

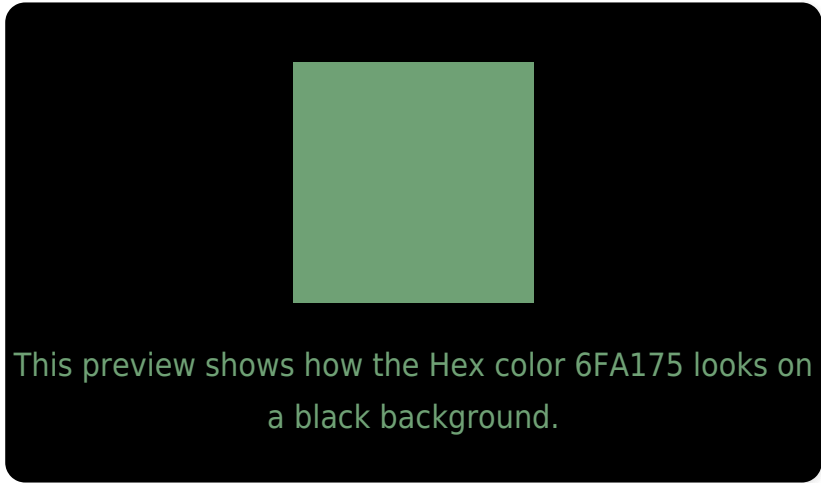
Large Text (above 18pt) WCAG AA × Fail

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

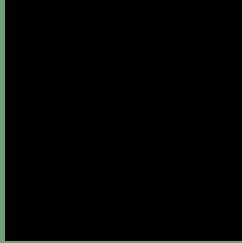
Any Text WCAG AA ✓ Pass

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 6FA175 Background



This preview shows how black text looks on a background with the Hex color 6FA175.



This preview shows how white text looks on a background with the Hex color 6FA175.

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
6FA175

Protanopia
9F946F

Deuteranopia
AD8F79



Tritanopia
789BA7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6FA175 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 #6FA175 looks like.

```
.text, #text, p{  
    color:#6FA175  
}
```

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 #6FA175 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FA175
}
```

Border

The CSS property to change the border of an element to Hex 6FA175 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
#6FA175 }
```

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

```
.border{ border-color:#6FA175 }
```

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

Here you see how a box with a 4 pixel #6FA175 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FA175; -webkit-box-shadow:4px 4px  
4px 4px #6FA175; box-shadow:4px 4px 4px  
4px #6FA175 }
```

Background

The CSS property to change the background color of an element to Hex 6FA175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FA175 }
```

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

```
.background{ background-color:#6FA175 }
```

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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