

Converting Colors

Hex(4FA275)

Have a look what the booklet for
Hex(4FA275) contains.

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Color

Hex(4FA275)

Conversions

Conversions Part 1

Format	Color
Hex	4FA275
RGB	79, 162, 117
RGB Percent	31%, 64%, 46%
CMY	0.6902, 0.3647, 0.5412
CMYK	0.51, 0.00, 0.28, 0.36
HSL	147°, 34%, 47%
HSV	147°, 51%, 64%
XYZ	19.3557, 28.7873, 21.3660
YIQ	132.0530, -35.0230, -31.5910

Conversions

Conversions Part 2

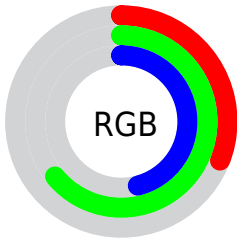
Format	Color
R_{YB}	79, 136, 162
Decimal	5218933
CIE _{Lab}	60.59, -35.98, 15.84
CIE _{LCh}	61, 39.309, 156.242
Yxy	28.7873, 0.2785, 0.4142
Android (android.graphics.Color)	4283409013 (0xFF4FA275)
YUV	132.0530, -7.4211, -46.5275
Hunter-Lab	53.6538, -29.5000, 13.9472

Details

The Hex color **4FA275** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **A24F7C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **85D9A9**, and **126E45** is the 20% darker color. If you saturate the color by 10%, you get **3FA26C**, and if you desaturate by 10%, it is **5FA27E**.

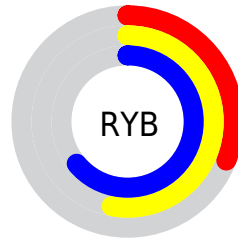
Distribution



Red (31%)

Green (64%)

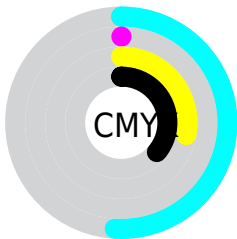
Blue (46%)



Red (31%)

Yellow (53%)

Blue (64%)

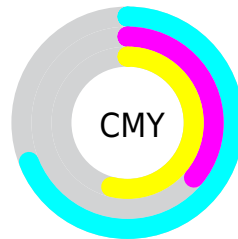


Cyan (51%)

Magenta (0%)

Yellow (28%)

Black (36%)



Cyan (69%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FA275 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 4FA275 by changing the saturation by 10% instead.



4FA275



4FA275

FFFFFF



33875C



85D9A9



126E45



A1F6C5



00552E



BDFFE1



003D19



DAFFFD



002700



F7FFFF



000400



000000



4FA275



4FA275



3FA26C



5FA27E

 2FA263

 6FA287

 1EA25B

 80A28F

 0EA252

 90A298

 00A24A

 A0A2A1

 B0A2AA

 C0A2B2

 D1A2BB

 E1A2C4

Harmonies

Analogous

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



7C9C59



4FA275



00A498

Triad

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



4FA275



6893D7



D17B6B

Complementary

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



4FA275



A24F7C

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.



D4768C



4FA275



9F86CA

Square

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



4FA275



029DD1



C37BAF



BE8653

Rectangle

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



4FA275



00A4B0



C37BAF



D47875

Sweetspot

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



4FA275



B4D4C2



7DA24F



586B61



EBEBEB



6B6B6B

Same Dimension

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



4FA275



53D48E



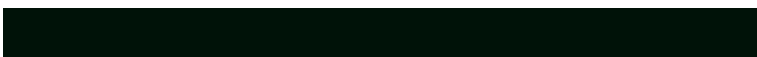
4FA29E



49524D



009143



001208

Inverse Universe

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



A24F7C



D45399



A24F53



52494E



91004F



12000A

Previews

White Background



This preview shows how the Hex color 4FA275 looks on a white background.

Color Contrast Check

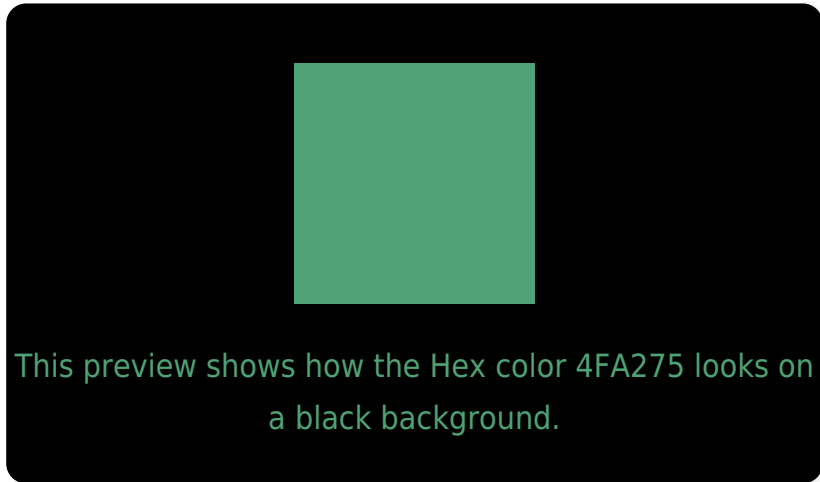
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4FA275 Background



This preview shows how black text looks on a background with the Hex color 4FA275.

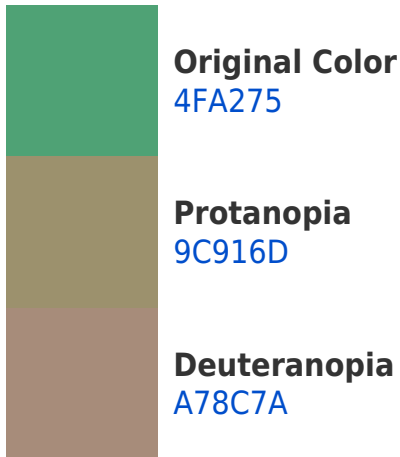


This preview shows how white text looks on a background with the Hex color 4FA275.

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](#).

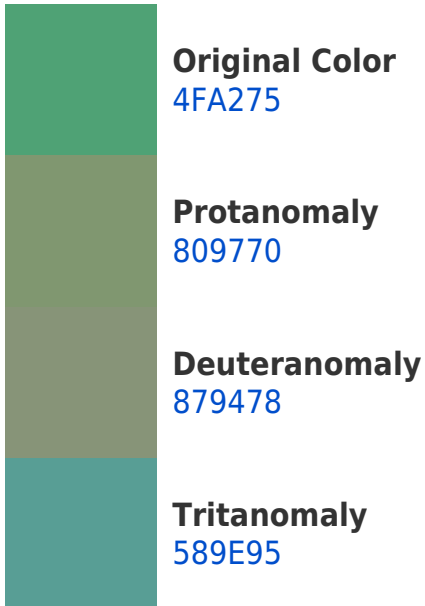
Dichromacy



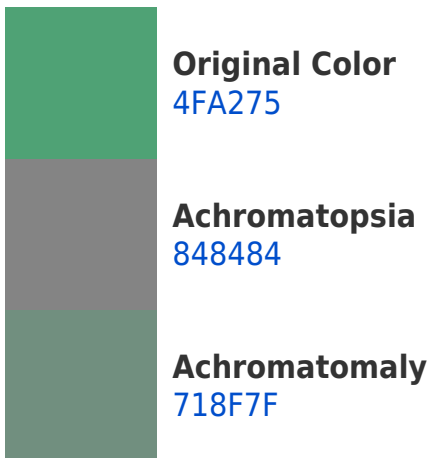


Tritanopia
5D9BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4FA275 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 #4FA275 looks like.

```
.text, #text, p{  
    color:#4FA275  
}
```

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 #4FA275 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FA275  
}
```

Border

The CSS property to change the border of an element to Hex 4FA275 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  
#4FA275 }
```

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

```
.border{ border-color:#4FA275 }
```

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

Here you see how a box with a 4 pixel #4FA275 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FA275; -webkit-box-shadow:4px 4px  
4px 4px #4FA275; box-shadow:4px 4px 4px  
4px #4FA275 }
```

Background

The CSS property to change the background color of an element to Hex 4FA275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FA275 }
```

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

```
.background{ background-color:#4FA275 }
```

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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