

Converting Colors

Hex(56A279)

Have a look what the booklet for
Hex(56A279) contains.

Hex(56A279)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(56A279)

Conversions

Conversions Part 1

Format	Color
Hex	56A279
RGB	86, 162, 121
RGB Percent	34%, 64%, 47%
CMY	0.6627, 0.3647, 0.5255
CMYK	0.47, 0.00, 0.25, 0.36
HSL	148°, 31%, 49%
HSV	148°, 47%, 64%
XYZ	20.2093, 29.1996, 22.6601
YIQ	134.6020, -32.1350, -28.8630

Conversions

Conversions Part 2

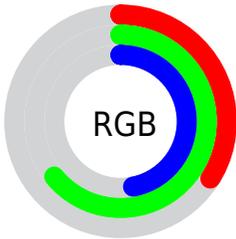
Format	Color
R_{YB}	86, 138, 162
Decimal	5677689
CIE _{Lab}	60.96, -33.28, 14.16
CIE _{LCh}	61, 36.172, 156.948
Yxy	29.1996, 0.2804, 0.4052
Android (android.graphics.Color)	4283867769 (0xFF56A279)
YUV	134.6020, -6.7058, -42.6240
Hunter-Lab	54.0366, -27.8065, 12.9626

Details

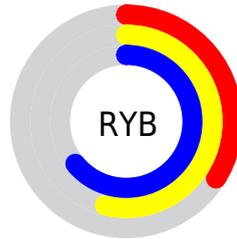
The Hex color **56A279** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A2567F**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **8CD9AD**, and **1E6E48** is the 20% darker color. If you saturate the color by 10%, you get **46A270**, and if you desaturate by 10%, it is **66A282**.

Distribution



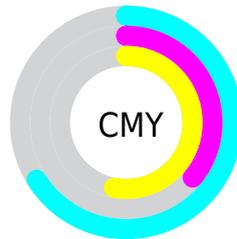
- Red (34%)
- Green (64%)
- Blue (47%)



- Red (34%)
- Yellow (54%)
- Blue (64%)



- Cyan (47%)
- Magenta (0%)
- Yellow (25%)
- Black (36%)



- Cyan (66%)
- Magenta (36%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56A279 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 56A279 by changing the saturation by 10% instead.



56A279



56A279

FFFFFF



3B8760



8CD9AD



1E6E48



A7F6C9



005532



C4FFE5



003D1C



E0FFFF



002704

FEFFFF



000700



000000



56A279



56A279



46A270



66A282

 36A268

 76A28A

 25A25F

 87A293

 15A256

 97A29C

 05A24D

 A7A2A5

 00A24B

 B7A2AD

 C7A2B6

 D8A2BF

 E8A2C8

Harmonies

Analogous

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



7E9C5F



56A279



20A49A

Triad

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



56A279



7094D2



CE7E6E

Complementary

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



56A279



A2567F

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.



D07A8D



56A279



A088C6

Square

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



56A279



309DCD



C17EAD



BC8959

Rectangle

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



56A279



00A3AF



C17EAD



D07C78

Sweetspot

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



56A279



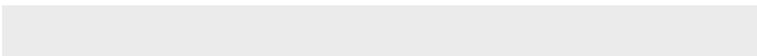
B6D4C4



80A256



596B61



EBEBEB



6B6B6B

Same Dimension

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



56A279



5DD494



56A29E



49524D



009143



001208

Inverse Universe

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



A2567F



D45D9D



A2565A



52494E



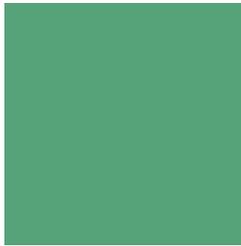
91004E



12000A

Previews

White Background



This preview shows how the Hex color 56A279 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

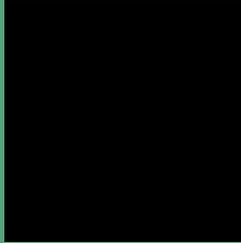
Any Text WCAG AA ✓ Pass

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 56A279 Background



This preview shows how black text looks on a background with the Hex color 56A279.

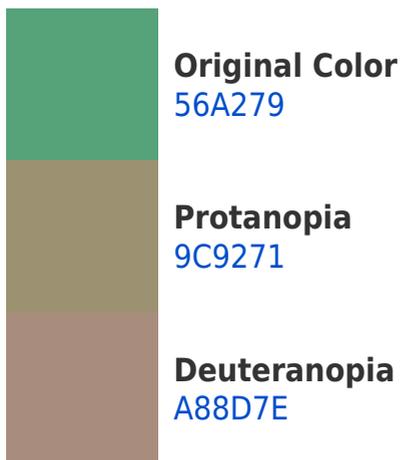


This preview shows how white text looks on a background with the Hex color 56A279.

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](#).

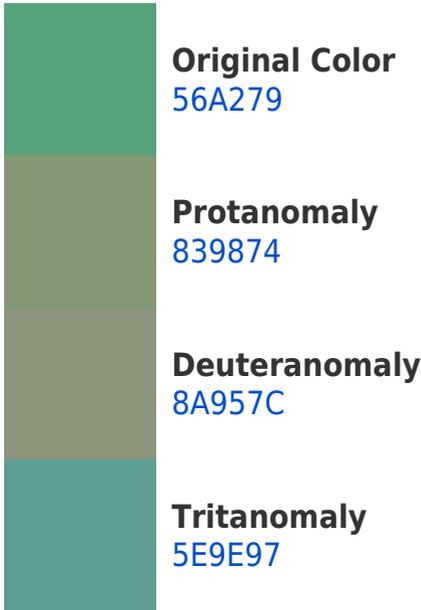
Dichromacy





Tritanopia
629CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 56A279 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 #56A279 looks like.

```
.text, #text, p{  
    color:#56A279  
}
```

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 #56A279 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56A279
}
```

Border

The CSS property to change the border of an element to Hex 56A279 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
#56A279 }
```

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

```
.border{ border-color:#56A279 }
```

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

Here you see how a box with a 4 pixel #56A279 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56A279; -webkit-box-shadow:4px 4px  
4px 4px #56A279; box-shadow:4px 4px 4px  
4px #56A279 }
```

Background

The CSS property to change the background color of an element to Hex 56A279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56A279 }
```

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

```
.background{ background-color:#56A279 }
```

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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