

Converting Colors

Hex(61A276)

Have a look what the booklet for
Hex(61A276) contains.

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Color

Hex(61A276)

Conversions

Conversions Part 1

Format	Color
Hex	61A276
RGB	97, 162, 118
RGB Percent	38%, 64%, 46%
CMY	0.6196, 0.3647, 0.5373
CMYK	0.40, 0.00, 0.27, 0.36
HSL	139°, 26%, 51%
HSV	139°, 40%, 64%
XYZ	21.1201, 29.6901, 21.7571
YIQ	137.5490, -24.6160, -27.4640

Conversions

Conversions Part 2

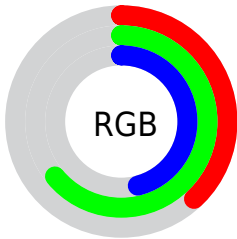
Format	Color
R_{YB}	97, 146, 162
Decimal	6398582
CIE _{Lab}	61.39, -30.71, 16.50
CIE _{LCh}	61, 34.864, 151.757
Yxy	29.6901, 0.2910, 0.4091
Android (android.graphics.Color)	4284588662 (0xFF61A276)
YUV	137.5490, -9.6377, -35.5615
Hunter-Lab	54.4886, -26.1673, 14.4677

Details

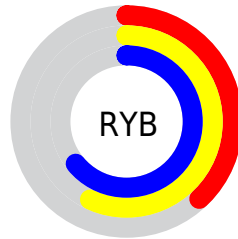
The Hex color **61A276** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A2618D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **96D9AA**, and **2D6E45** is the 20% darker color. If you saturate the color by 10%, you get **51A26B**, and if you desaturate by 10%, it is **71A281**.

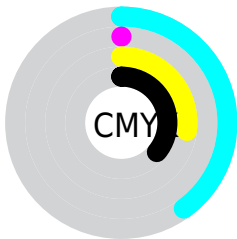
Distribution



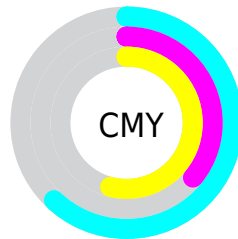
- Red (38%)
- Green (64%)
- Blue (46%)



- Red (38%)
- Yellow (57%)
- Blue (64%)



- Cyan (40%)
- Magenta (0%)
- Yellow (27%)
- Black (36%)



- Cyan (62%)
- Magenta (36%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61A276 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 61A276 by changing the saturation by 10% instead.

 61A276

 61A276

FFFFFF

 47875D

 96D9AA

 2D6E45

 B2F6C6

 10552F

 CEFFE2

 003D19

 EBFFFE

 002700

 000900

 000000

 61A276

 61A276

 51A26B

 71A281

 41A260

 81A28C

 30A255

 92A297

 20A24A

 A2A2A2

 10A23F

 B2A2AD

 00A234

 C2A2B8

 D2A2C3

 E3A2CE

 F3A2D9

Harmonies

Analogous

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



869C5F



61A276



35A595

Triad

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



61A276



6A97D1



CF7F75

Complementary

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



61A276



A2618D

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.



CE7C94



61A276



9A8CC9

Square

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



61A276



2F9FCA



BD81B2



C0885F

Rectangle

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



61A276



0DA4AA



BD81B2



D07D7F

Sweetspot

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



61A276



BAD4C2



8DA261



5C6B61



EBEBEB



6B6B6B

Same Dimension

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



61A276



6ED48F



61A296



49524C



00912F



001206

Inverse Universe

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



A2618D



D46EB3



A2616D



52494F



910062



12000C

Previews

White Background



This preview shows how the Hex color 61A276 looks on a white background.

Color Contrast Check

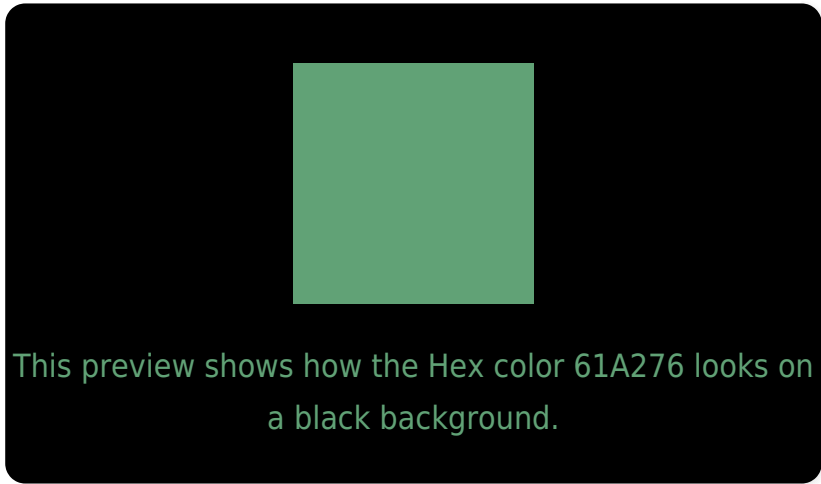
Large Text (above 18pt) WCAG AA ✓ Pass

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

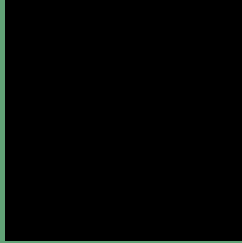
Any Text WCAG AA ✓ Pass

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 61A276 Background



This preview shows how black text looks on a background with the Hex color 61A276.

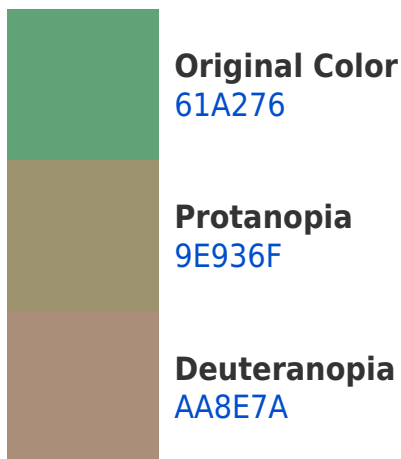


This preview shows how white text looks on a background with the Hex color 61A276.

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
6C9BA8

Trichromacy



Original Color
61A276

Protanomaly
889872

Deuteranomaly
8F9579

Tritanomaly
689E96

Monochromacy



Original Color
61A276

Achromatopsia
8A8A8A

Achromatomaly
7B9383

CSS Examples

Text

The CSS property to change the color of the text to Hex 61A276 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 #61A276 looks like.

```
.text, #text, p{  
    color:#61A276  
}
```

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 #61A276 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61A276
}
```

Border

The CSS property to change the border of an element to Hex 61A276 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
#61A276 }
```

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

```
.border{ border-color:#61A276 }
```

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

Here you see how a box with a 4 pixel #61A276 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61A276; -webkit-box-shadow:4px 4px  
4px 4px #61A276; box-shadow:4px 4px 4px  
4px #61A276 }
```

Background

The CSS property to change the background color of an element to Hex 61A276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61A276 }
```

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

```
.background{ background-color:#61A276 }
```

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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