

Converting Colors

Hex(62A475)

Have a look what the booklet for
Hex(62A475) contains.

Hex(62A475)	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(62A475)

Conversions

Conversions Part 1

Format	Color
Hex	62A475
RGB	98, 164, 117
RGB Percent	38%, 64%, 46%
CMY	0.6157, 0.3569, 0.5412
CMYK	0.40, 0.00, 0.29, 0.36
HSL	137°, 27%, 51%
HSV	137°, 40%, 64%
XYZ	21.5233, 30.4319, 21.5692
YIQ	138.9080, -24.2490, -28.6090

Conversions

Conversions Part 2

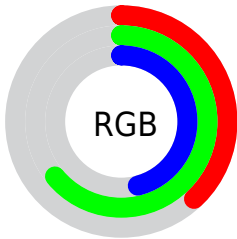
Format	Color
RYB	98, 149, 164
Decimal	6464629
CIELab	62.03, -31.55, 17.94
CIElCh	62, 36.296, 150.382
Yxy	30.4319, 0.2927, 0.4139
Android (android.graphics.Color)	4284654709 (0xFF62A475)
YUV	138.9080, -10.8006, -35.8763
Hunter-Lab	55.1652, -26.8951, 15.4336

Details

The Hex color **62A475** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A46291**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **97DBA9**, and **2E7044** is the 20% darker color. If you saturate the color by 10%, you get **52A469**, and if you desaturate by 10%, it is **72A481**.

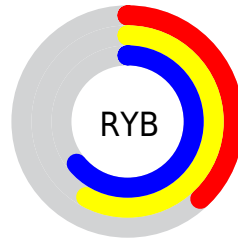
Distribution



Red (38%)

Green (64%)

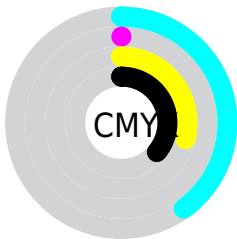
Blue (46%)



Red (38%)

Yellow (58%)

Blue (64%)

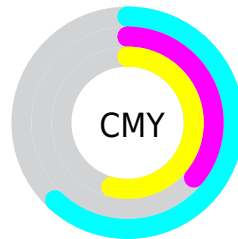


Cyan (40%)

Magenta (0%)

Yellow (29%)

Black (36%)



Cyan (62%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62A475 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 62A475 by changing the saturation by 10% instead.

 62A475

 62A475


FFFFFF

 48895C

 97DBA9

 2E7044

 B3F8C5

 11572E

 CFFFE1

 003F18

 ECFFFD

 002900

 000D00

 000000

 62A475

 62A475

 52A469

 72A481

 41A45E

 83A48C

 31A452

 93A498

 20A446

 A4A4A4

 10A43B

 B4A4AF

 00A42F

 C4A4BB

 D5A4C7

 E5A4D2

 F6A4DE

Harmonies

Analogous

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



899E5D



62A475



32A795

Triad

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



62A475



6699D6



D37F77

Complementary

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



62A475



A46291

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.



D27D97



62A475



9A8DCD

Square

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



62A475



23A2CD



BF82B6



C4895F

Rectangle

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



62A475



00A7AB



BF82B6



D47E81

Sweetspot

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



62A475



BCD6C4



91A462



5C6B60



EBEBEB



6B6B6B

Same Dimension

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



62A475



6FD68D



62A496



49524C



00912A



001205

Inverse Universe

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



A46291



D66FB9



A46270



52494F



910068



12000D

Previews

White Background



This preview shows how the Hex color 62A475 looks on a white background.

Color Contrast Check

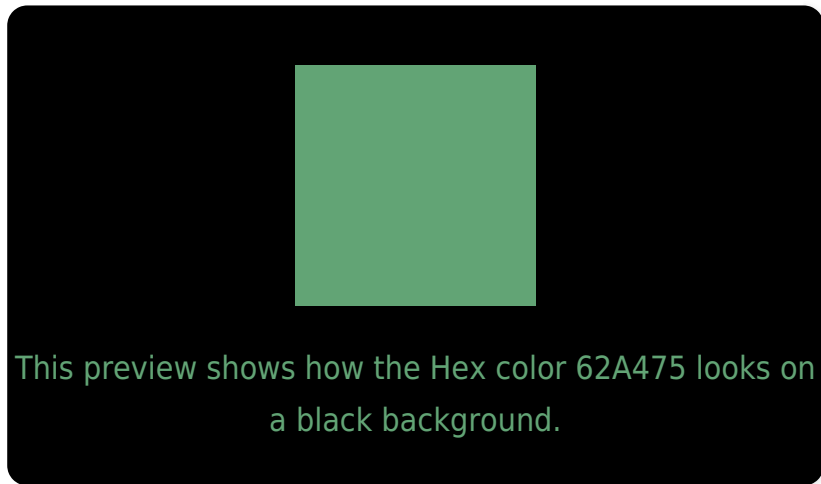
Large Text (above 18pt) WCAG AA × Fail

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

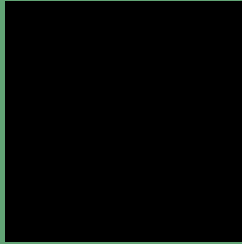
Any Text WCAG AA ✓ Pass

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 62A475 Background



This preview shows how black text looks on a background with the Hex color 62A475.

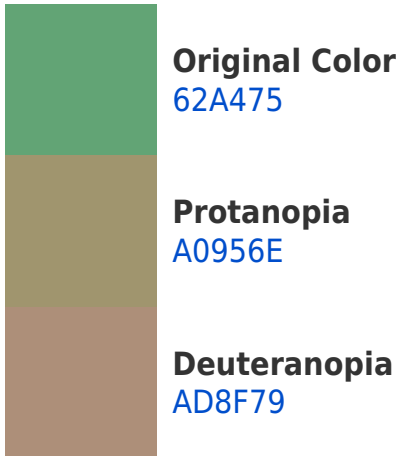


This preview shows how white text looks on a background with the Hex color 62A475.

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
6E9DAA

Trichromacy



Original Color
62A475



Protanomaly
899A71



Deuteranomaly
929778



Tritanomaly
6AA097

Monochromacy



Original Color
62A475



Achromatopsia
8B8B8B



Achromatomaly
7C9483

CSS Examples

Text

The CSS property to change the color of the text to Hex 62A475 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 #62A475 looks like.

```
.text, #text, p{  
    color:#62A475  
}
```

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 #62A475 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A475
}
```

Border

The CSS property to change the border of an element to Hex 62A475 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
#62A475 }
```

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

```
.border{ border-color:#62A475 }
```

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

Here you see how a box with a 4 pixel #62A475 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A475; -webkit-box-shadow:4px 4px  
4px 4px #62A475; box-shadow:4px 4px 4px  
4px #62A475 }
```

Background

The CSS property to change the background color of an element to Hex 62A475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A475 }
```

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

```
.background{ background-color:#62A475 }
```

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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