

Converting Colors

Hex(5A9262)

Have a look what the booklet for
Hex(5A9262) contains.

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Color

Hex(5A9262)

Conversions

Conversions Part 1

Format	Color
Hex	5A9262
RGB	90, 146, 98
RGB Percent	35%, 57%, 38%
CMY	0.6471, 0.4275, 0.6157
CMYK	0.38, 0.00, 0.33, 0.43
HSL	129°, 24%, 46%
HSV	129°, 38%, 57%
XYZ	16.6999, 23.6133, 15.2329
YIQ	123.7840, -17.9680, -26.8000

Conversions

Conversions Part 2

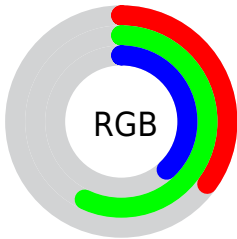
Format	Color
RYB	90, 139, 146
Decimal	5935714
CIELab	55.70, -29.00, 19.79
CIELCh	56, 35.110, 145.686
Yxy	23.6133, 0.3006, 0.4251
Android (android.graphics.Color)	4284125794 (0xFF5A9262)
YUV	123.7840, -12.7115, -29.6286
Hunter-Lab	48.5935, -23.6942, 15.4294

Details

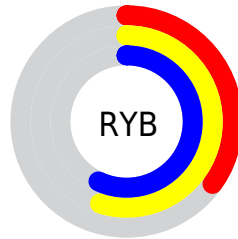
The Hex color **5A9262** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **925A8A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8EC895**, and **285F33** is the 20% darker color. If you saturate the color by 10%, you get **4B9255**, and if you desaturate by 10%, it is **69926F**.

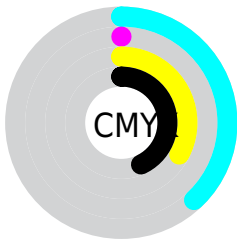
Distribution



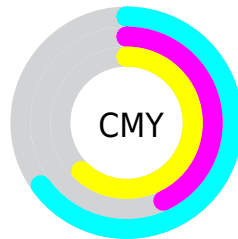
- Red (35%)
- Green (57%)
- Blue (38%)



- Red (35%)
- Yellow (55%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (33%)
- Black (43%)



- Cyan (65%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A9262 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 5A9262 by changing the saturation by 10% instead.

 5A9262

 5A9262

FFFFFF

 41784A

 8EC895

 285F33

 A9E5B0

 0B471D

 C5FFCB

 003006

 E2FFE8

 001C00

 000000

 5A9262

 5A9262

 4B9255

 69926F

 3D9249

 77927B

 2E923C

 869288

 209230

 949294

 119223

 A392A1

 029217

 B292AD

 009215

 C092BA

 CF92C6

 DD92D3

Harmonies

Analogous

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



7E8C4D



5A9262



2B9580

Triad

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



5A9262



4D8AC2



C06F6D

Complementary

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



5A9262



925A8A

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.



BC6D8B



5A9262



827FBC

Square

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



5A9262



0091B7



A774A8



B47754

Rectangle

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



5A9262



009595



A774A8



C06E76

Sweetspot

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



5A9262



A6BDA9



8B925A



515E53



DEDEDE



5E5E5E

Same Dimension

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



5A9262



66BD72



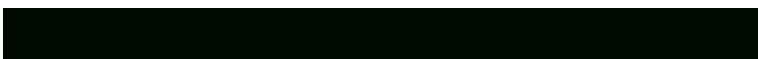
5A927D



434A44



008A14



000A01

Inverse Universe

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



925A8A



BD66B0



925A6F



4A4349



8A0076



0A0009

Previews

White Background



This preview shows how the Hex color 5A9262 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

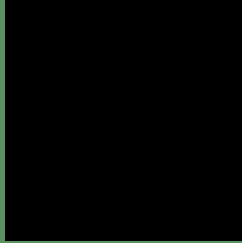
Any Text WCAG AA ✓ Pass

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 5A9262 Background



This preview shows how black text looks on a background with the Hex color 5A9262.



This preview shows how white text looks on a background with the Hex color 5A9262.

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
5A9262

Protanopia
8F855C

Deuteranopia
9C7F66



Tritanopia
658B97

Trichromacy



Original Color
5A9262

Protanomaly
7C8A5E

Deuteranomaly
848665

Tritanomaly
618E84

Monochromacy



Original Color
5A9262

Achromatopsia
7C7C7C

Achromatomaly
708473

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A9262 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 #5A9262 looks like.

```
.text, #text, p{  
    color:#5A9262  
}
```

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 #5A9262 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A9262
}
```

Border

The CSS property to change the border of an element to Hex 5A9262 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
#5A9262 }
```

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

```
.border{ border-color:#5A9262 }
```

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

Here you see how a box with a 4 pixel #5A9262 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A9262; -webkit-box-shadow:4px 4px  
4px 4px #5A9262; box-shadow:4px 4px 4px  
4px #5A9262 }
```

Background

The CSS property to change the background color of an element to Hex 5A9262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A9262 }
```

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

```
.background{ background-color:#5A9262 }
```

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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