

Converting Colors

Hex(5A962A)

Have a look what the booklet for
Hex(5A962A) contains.

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Color

Hex(5A962A)

Conversions

Conversions Part 1

Format	Color
Hex	5A962A
RGB	90, 150, 42
RGB Percent	35%, 59%, 16%
CMY	0.6471, 0.4118, 0.8353
CMYK	0.40, 0.00, 0.72, 0.41
HSL	93°, 56%, 38%
HSV	93°, 72%, 59%
XYZ	15.5407, 24.1535, 6.0335
YIQ	119.7480, -1.0920, -46.3080

Conversions

Conversions Part 2

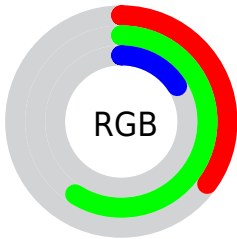
Format	Color
R_{YB}	42, 150, 102
Decimal	5936682
CIE Lab	56.24, -37.97, 48.30
CIE LCh	56, 61.445, 128.172
Yxy	24.1535, 0.3399, 0.5282
Android (android.graphics.Color)	4284126762 (0xFF5A962A)
YUV	119.7480, -38.3298, -26.0890
Hunter-Lab	49.1462, -29.5617, 27.1235

Details

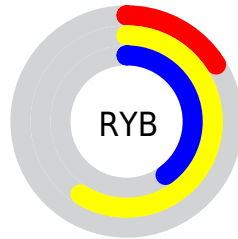
The Hex color **5A962A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **662A96**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **90CD5E**, and **226200** is the 20% darker color. If you saturate the color by 10%, you get **52961B**, and if you desaturate by 10%, it is **629639**.

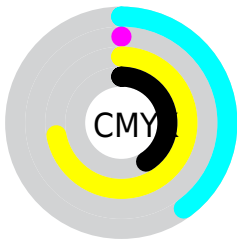
Distribution



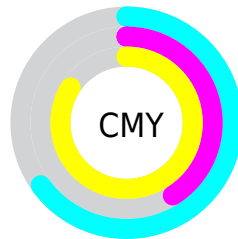
- Red (35%)
- Green (59%)
- Blue (16%)



- Red (16%)
- Yellow (59%)
- Blue (40%)



- Cyan (40%)
- Magenta (0%)
- Yellow (72%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A962A 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 5A962A by changing the saturation by 10% instead.

 5A962A

 5A962A

FFFFFF

 3F7C0B

 90CD5E

 226200

 ACE978

 004A00

 C9FF93

 003300

 E6FFAF

 001E00

 FFFFCB

 000000

 FFFF E8

 5A962A

 5A962A

 52961B

 629639

■ 49960C

■ 6B9648

■ 439600

■ 739657

■ 7B9666

■ 849675

■ 8C9684

■ 949693

■ 9D96A2

■ A596B1

Harmonies

Analogous

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



948900



5A962A



009D5D

Triad

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



5A962A



0097EA



E6517A

Complementary

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



5A962A



662A96

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.



D25AB0



5A962A



0F88F1

Square

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



5A962A



009EC8



9B72DB



DE5F47

Rectangle

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



5A962A



009F82



9B72DB



E3518C

Sweetspot

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



5A962A



AAC297



96652A



536148



E0E0E0



616161

Same Dimension

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



5A962A



65C21B



2A962F



464A43



3D8A00



050A00

Inverse Universe

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



662A96



781BC2



962A91



47434A



4C008A



06000A

Previews

White Background



This preview shows how the Hex color 5A962A looks on a white background.

Color Contrast Check

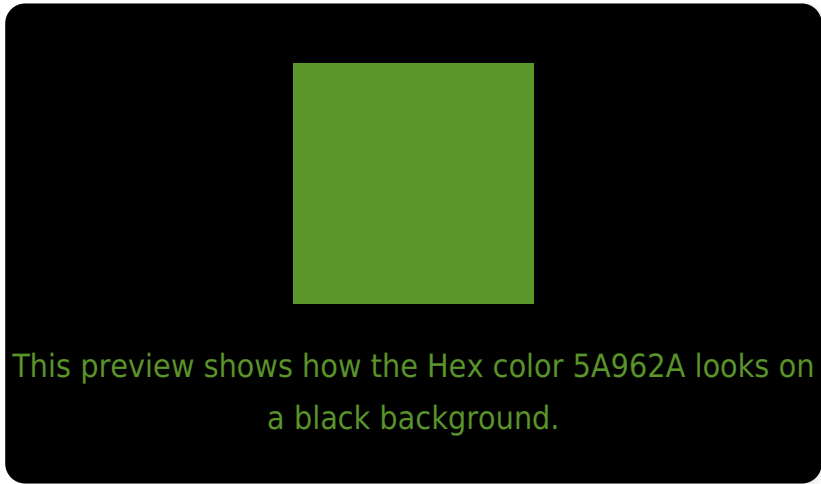
Large Text (above 18pt) WCAG AA ✓ Pass

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 5A962A Background



This preview shows how black text looks on a background with the Hex color 5A962A.



This preview shows how white text looks on a background with the Hex color 5A962A.

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
5A962A

Protanopia
978626

Deuteranopia
A78032



Tritanopia
6A8C97

Trichromacy



Original Color
5A962A

Protanomaly
818C27

Deuteranomaly
8B882F

Tritanomaly
64906F

Monochromacy



Original Color
5A962A

Achromatopsia
787878

Achromatomaly
6D835C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A962A 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 #5A962A looks like.

```
.text, #text, p{  
    color:#5A962A  
}
```

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 #5A962A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A962A
}
```

Border

The CSS property to change the border of an element to Hex 5A962A 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
#5A962A }
```

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

```
.border{ border-color:#5A962A }
```

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

Here you see how a box with a 4 pixel #5A962A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A962A; -webkit-box-shadow:4px 4px  
4px 4px #5A962A; box-shadow:4px 4px 4px  
4px #5A962A }
```

Background

The CSS property to change the background color of an element to Hex 5A962A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A962A }
```

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

```
.background{ background-color:#5A962A }
```

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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