

Converting Colors

Hex(5B9260)

Have a look what the booklet for
Hex(5B9260) contains.

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Color

Hex(5B9260)

Conversions

Conversions Part 1

Format	Color
Hex	5B9260
RGB	91, 146, 96
RGB Percent	36%, 57%, 38%
CMY	0.6431, 0.4275, 0.6235
CMYK	0.38, 0.00, 0.34, 0.43
HSL	125°, 23%, 46%
HSV	125°, 38%, 57%
XYZ	16.7046, 23.6264, 14.7463
YIQ	123.8550, -16.7300, -27.2100

Conversions

Conversions Part 2

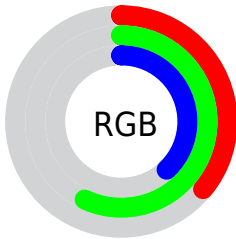
Format	Color
RYB	91, 141, 146
Decimal	6001248
CIELab	55.71, -29.03, 20.93
CIElCh	56, 35.791, 144.206
Yxy	23.6264, 0.3033, 0.4290
Android (android.graphics.Color)	4284191328 (0xFF5B9260)
YUV	123.8550, -13.7325, -28.8138
Hunter-Lab	48.6070, -23.7179, 16.0377

Details

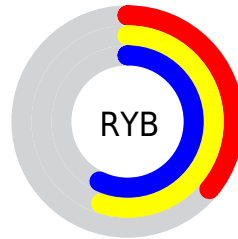
The Hex color **5B9260** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **925B8D**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FC893**, and **295F31** is the 20% darker color. If you saturate the color by 10%, you get **4C9253**, and if you desaturate by 10%, it is **6A926D**.

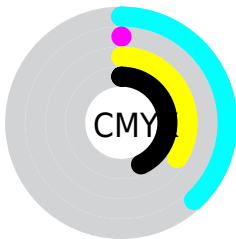
Distribution



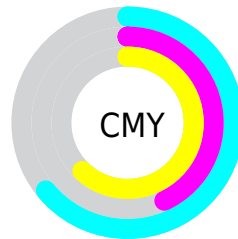
- Red (36%)
- Green (57%)
- Blue (38%)



- Red (36%)
- Yellow (55%)
- Blue (57%)



- Cyan (38%)
- Magenta (0%)
- Yellow (34%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9260 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 5B9260 by changing the saturation by 10% instead.

 5B9260

 5B9260

FFFFFF

 427848

 8FC893

 295F31

 AAE5AE

 0D471B

 C6FFC9

 003003

 E3FFE5

 001C00

 000000

 5B9260

 5B9260

 4C9253

 6A926D

 3E9245

 78927B

 2F9238

 879288

 21922B

 959295

 12921E

 A492A2

 039210

 B392B0

 00920D

 C192BD

 D092CA

 DE92D7

Harmonies

Analogous

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



808B4B



5B9260



2A957E

Triad

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



5B9260



488AC3



C16E6E

Complementary

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



5B9260



925B8D

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.



BD6D8D



5B9260



8080BE

Square

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



5B9260



0092B7



A774AA



B67754

Rectangle

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



5B9260



009694



A774AA



C16D78

Sweetspot

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



5B9260



A8BDAA



8D925B



525E53



DEDEDE



5E5E5E

Same Dimension

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



5B9260



68BD70



5B927B



434A43



008A0D



000A01

Inverse Universe

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



925B8D



BD68B5



925B72



4A4349



8A007D



0A0009

Previews

White Background



This preview shows how the Hex color 5B9260 looks on a white background.

Color Contrast Check

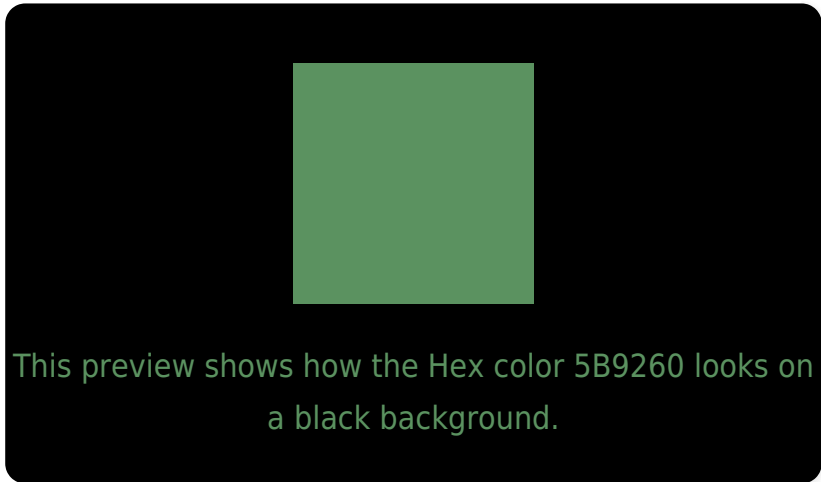
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9260 Background



This preview shows how black text looks on a background with the Hex color 5B9260.



This preview shows how white text looks on a background with the Hex color 5B9260.

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
668B96

Trichromacy



Original Color
5B9260

Protanomaly
7D8A5C

Deuteranomaly
848663

Tritanomaly
628E82

Monochromacy



Original Color
5B9260

Achromatopsia
7C7C7C

Achromatomaly
708472

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9260 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 #5B9260 looks like.

```
.text, #text, p{  
    color:#5B9260  
}
```

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 #5B9260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9260
}
```

Border

The CSS property to change the border of an element to Hex 5B9260 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
#5B9260 }
```

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

```
.border{ border-color:#5B9260 }
```

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

Here you see how a box with a 4 pixel #5B9260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9260; -webkit-box-shadow:4px 4px  
4px 4px #5B9260; box-shadow:4px 4px 4px  
4px #5B9260 }
```

Background

The CSS property to change the background color of an element to Hex 5B9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9260 }
```

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

```
.background{ background-color:#5B9260 }
```

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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