

Converting Colors

Hex(5D904A)

Have a look what the booklet for
Hex(5D904A) contains.

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Color

Hex(5D904A)

Conversions

Conversions Part 1

Format	Color
Hex	5D904A
RGB	93, 144, 74
RGB Percent	36%, 56%, 29%
CMY	0.6353, 0.4353, 0.7098
CMYK	0.35, 0.00, 0.49, 0.44
HSL	104°, 32%, 43%
HSV	104°, 49%, 56%
XYZ	15.7235, 22.7681, 10.0445
YIQ	120.7710, -7.9260, -32.5820

Conversions

Conversions Part 2

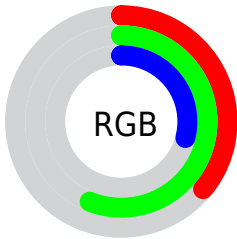
Format	Color
RYB	74, 144, 125
Decimal	6131786
CIELab	54.83, -30.84, 31.76
CIELCh	55, 44.264, 134.157
Yxy	22.7681, 0.3240, 0.4691
Android (android.graphics.Color)	4284321866 (0xFF5D904A)
YUV	120.7710, -23.0581, -24.3552
Hunter-Lab	47.7159, -24.6830, 20.9202

Details

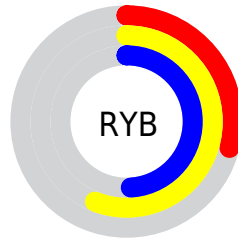
The Hex color **5D904A** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7D4A90**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **92C67C**, and **2A5D1B** is the 20% darker color. If you saturate the color by 10%, you get **53903C**, and if you desaturate by 10%, it is **679058**.

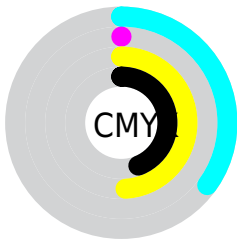
Distribution



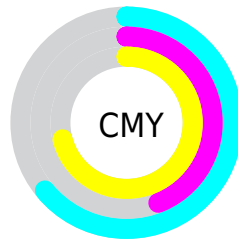
- Red (36%)
- Green (56%)
- Blue (29%)



- Red (29%)
- Yellow (56%)
- Blue (49%)



- Cyan (35%)
- Magenta (0%)
- Yellow (49%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D904A 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 5D904A by changing the saturation by 10% instead.

 5D904A

 5D904A

FFFFFF

 447632

 92C67C

 2A5D1B

 ADE296

 0E4502

 C9FFB1

 002E00

 E6FFCD

 001A00

 FFFFEA

 000000

 5D904A

 5D904A

 53903C

 679058

 48902D

 729067

■ 3E901F

■ 7C9075

■ 339010

■ 879084

■ 299002

■ 919092

■ 279000

■ 9C90A0

■ A690AF

■ B190BD

■ BB90CC

Harmonies

Analogous

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



888735



5D904A



13956D

Triad

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



5D904A



008DCC



CB6372

Complementary

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



5D904A



7D4A90

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.



BF6599



5D904A



6381CD

Square

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



5D904A



0094B8



9D72BA



C26C50

Rectangle

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



5D904A



009688



9D72BA



CA627F

Sweetspot

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



5D904A



A6BA9E



907C4A



525E4D



DEDEDE



5E5E5E

Same Dimension

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



5D904A



6BBA4E



4A9059



424740



258700



020800

Inverse Universe

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



7D4A90



9D4EBA



904A81



454047



620087



060008

Previews

White Background



This preview shows how the Hex color 5D904A looks on a white background.

Color Contrast Check

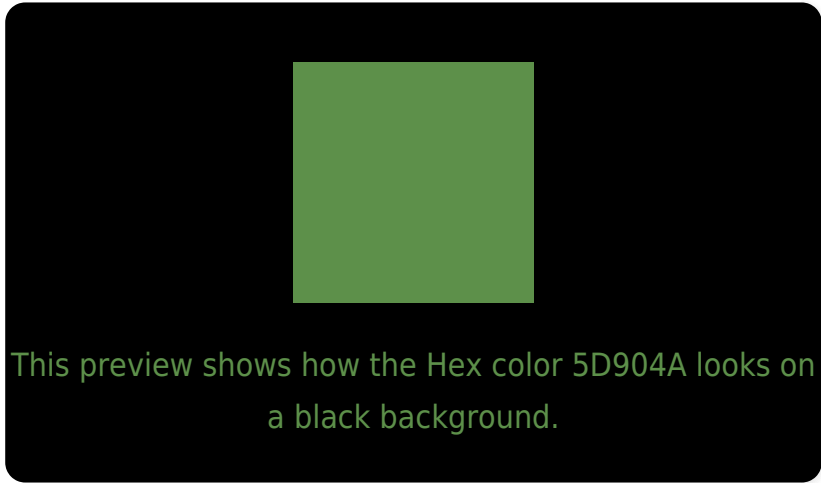
Large Text (above 18pt) WCAG AA ✓ Pass

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

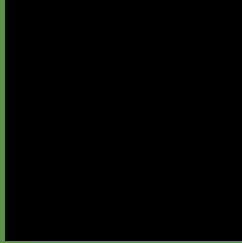
Any Text WCAG AA ✓ Pass

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 5D904A Background



This preview shows how black text looks on a background with the Hex color 5D904A.



This preview shows how white text looks on a background with the Hex color 5D904A.

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
5D904A

Protanopia
908345

Deuteranopia
9E7D4F



Tritanopia
698893

Trichromacy



Original Color
5D904A

Protanomaly
7D8847

Deuteranomaly
86844D

Tritanomaly
658B78

Monochromacy



Original Color
5D904A

Achromatopsia
797979

Achromatomaly
6F8168

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D904A 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 #5D904A looks like.

```
.text, #text, p{  
    color:#5D904A  
}
```

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 #5D904A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D904A
}
```

Border

The CSS property to change the border of an element to Hex 5D904A 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
#5D904A }
```

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

```
.border{ border-color:#5D904A }
```

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

Here you see how a box with a 4 pixel #5D904A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D904A; -webkit-box-shadow:4px 4px  
4px 4px #5D904A; box-shadow:4px 4px 4px  
4px #5D904A }
```

Background

The CSS property to change the background color of an element to Hex 5D904A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D904A }
```

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

```
.background{ background-color:#5D904A }
```

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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