

Converting Colors

Hex(5A691D)

Have a look what the booklet for
Hex(5A691D) contains.

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Color

Hex(5A691D)

Conversions

Conversions Part 1

Format	Color
Hex	5A691D
RGB	90, 105, 29
RGB Percent	35%, 41%, 11%
CMY	0.6471, 0.5882, 0.8863
CMYK	0.14, 0.00, 0.72, 0.59
HSL	72°, 57%, 26%
HSV	72°, 72%, 41%
XYZ	9.4898, 12.3655, 3.0490
YIQ	91.8510, 15.4560, -26.8160

Conversions

Conversions Part 2

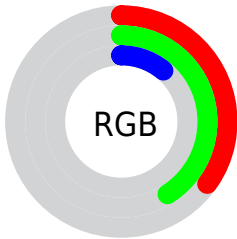
Format	Color
R_{YB}	29, 105, 44
Decimal	5925149
CIE _{Lab}	41.79, -17.14, 38.91
CIE _{LCh}	42, 42.515, 113.778
Yxy	12.3655, 0.3811, 0.4965
Android (android.graphics.Color)	4284115229 (0xFF5A691D)
YUV	91.8510, -30.9855, -1.6233
Hunter-Lab	35.1646, -13.3668, 19.4744

Details

The Hex color **5A691D** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2C1D69**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8E9C4E**, and **2A3A00** is the 20% darker color. If you saturate the color by 10%, you get **586913**, and if you desaturate by 10%, it is **5C6927**.

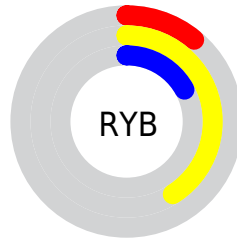
Distribution



 Red (35%)

 Green (41%)

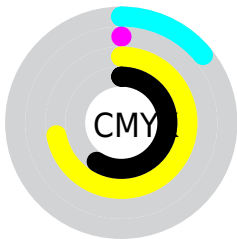
 Blue (11%)



 Red (11%)

 Yellow (41%)

 Blue (17%)

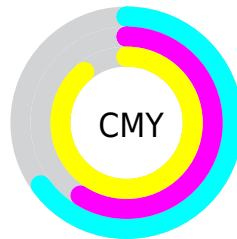


 Cyan (14%)

 Magenta (0%)

 Yellow (72%)

 Black (59%)



 Cyan (65%)

 Magenta (59%)

 Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A691D 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 5A691D by changing the saturation by 10% instead.

 5A691D

 5A691D

FFFFFF

 415101

 8E9C4E

 2A3A00

 A9B767

 112400

 C5D381

 000C00

 E2EF9C

 000000

 FFFFB7

 FFFFD3

 FFFFF0

 5A691D

 5A691D

■ 586913

■ 5C6927

■ 566908

■ 5E6932

■ 546900

■ 60693C

■ 626947

■ 646952

■ 66695C

■ 696966

■ 6B6971

■ 6D697C

Harmonies

Analogous

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



7B5E18



5A691D



2D7037

Triad

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



5A691D



00709A



9E436B

Complementary

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



5A691D



2C1D69

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.



864E8C



5A691D



0069A8

Square

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



5A691D



00737E



575CA3



A24548

Rectangle

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



5A691D



00724E



575CA3



994577

Sweetspot

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



5A691D



848A6B



692B1D



414533



C4C4C4



454545

Same Dimension

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



5A691D



728A12



35691D



343630



5E7500



C4F500

Inverse Universe

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



2C1D69



2A128A



511D69



313036



170075



3000F5

Previews

White Background



This preview shows how the Hex color 5A691D looks on a white background.

Color Contrast Check

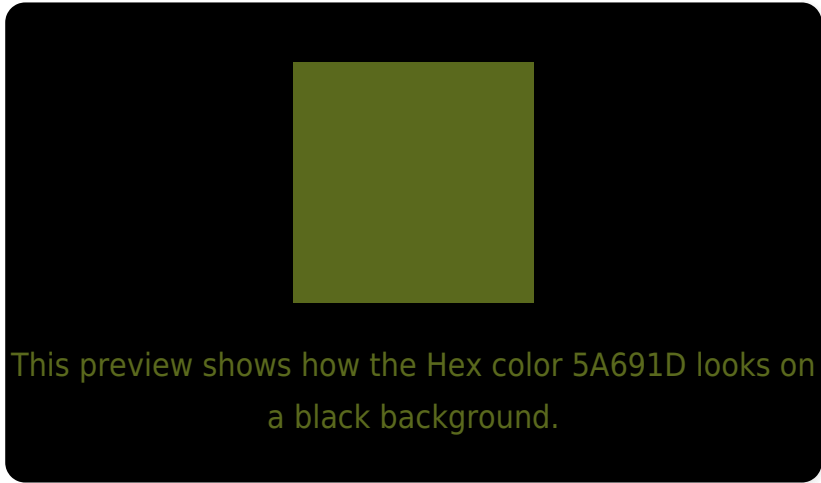
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

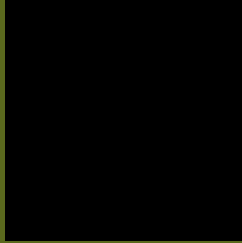
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5A691D Background



This preview shows how black text looks on a background with the Hex color 5A691D.



This preview shows how white text looks on a background with the Hex color 5A691D.

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
5A691D

Protanopia
6F631B

Deuteranopia
7B5E22



Tritanopia
62626A

Trichromacy



Original Color
5A691D

Protanomaly
67651C

Deuteranomaly
6F6220

Tritanomaly
5F654E

Monochromacy



Original Color
5A691D

Achromatopsia
5C5C5C

Achromatomaly
5B6145

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A691D 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 #5A691D looks like.

```
.text, #text, p{  
    color:#5A691D  
}
```

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 #5A691D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A691D
}
```

Border

The CSS property to change the border of an element to Hex 5A691D 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
#5A691D }
```

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

```
.border{ border-color:#5A691D }
```

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

Here you see how a box with a 4 pixel #5A691D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A691D; -webkit-box-shadow:4px 4px  
4px 4px #5A691D; box-shadow:4px 4px 4px  
4px #5A691D }
```

Background

The CSS property to change the background color of an element to Hex 5A691D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A691D }
```

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

```
.background{ background-color:#5A691D }
```

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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