

Converting Colors

Hex(51631A)

Have a look what the booklet for
Hex(51631A) contains.

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Color

Hex(51631A)

Conversions

Conversions Part 1

Format	Color
Hex	51631A
RGB	81, 99, 26
RGB Percent	32%, 39%, 10%
CMY	0.6824, 0.6118, 0.8980
CMYK	0.18, 0.00, 0.74, 0.61
HSL	75°, 58%, 25%
HSV	75°, 74%, 39%
XYZ	8.0416, 10.7476, 2.6279
YIQ	85.2960, 12.7050, -26.5190

Conversions

Conversions Part 2

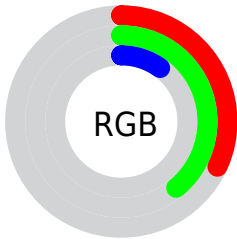
Format	Color
RYB	26, 99, 44
Decimal	5333786
CIELab	39.15, -18.22, 37.29
CIElCh	39, 41.506, 116.042
Yxy	10.7476, 0.3755, 0.5018
Android (android.graphics.Color)	4283523866 (0xFF51631A)
YUV	85.2960, -29.2329, -3.7676
Hunter-Lab	32.7835, -13.5860, 18.1958

Details

The Hex color **51631A** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **2C1A63**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **85964B**, and **213400** is the 20% darker color. If you saturate the color by 10%, you get **4F6310**, and if you desaturate by 10%, it is **536324**.

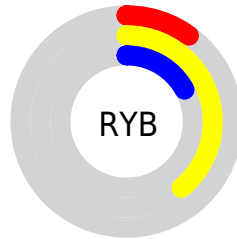
Distribution



Red (32%)

Green (39%)

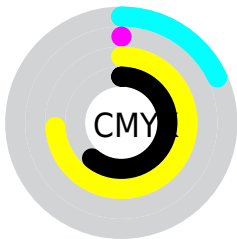
Blue (10%)



Red (10%)

Yellow (39%)

Blue (17%)

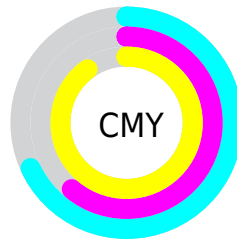


Cyan (18%)

Magenta (0%)

Yellow (74%)

Black (61%)



Cyan (68%)

Magenta (61%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51631A 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 51631A by changing the saturation by 10% instead.



51631A



51631A

FFFFFF



384B00



85964B



213400



9FB064



042000



BBCC7D



000000



D7E898



F4FFB3



FFFCE



FFFEB



51631A



51631A

■ 4F6310

■ 536324

■ 4C6306

■ 56632E

■ 4B6300

■ 586338

■ 5B6342

■ 5D634C

■ 606355

■ 62635F

■ 656369

■ 676373

Harmonies

Analogous

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



725912



51631A



236935

Triad

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



51631A



006994



963D62

Complementary

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



51631A



2C1A63

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.



814782



51631A



0061A0

Square

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



51631A



006C79



555599



994041

Rectangle

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



51631A



006B4B



555599



923F6D

Sweetspot

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



51631A



798063



632B1A



3C402F



BFBFBF



404040

Same Dimension

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



51631A



64800F



2D631A



2F302C



557000



B5F000

Inverse Universe

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



2C1A63



2B0F80



501A63



2D2C30



1C0070



3B00F0

Previews

White Background



This preview shows how the Hex color 51631A looks on a white background.

Color Contrast Check

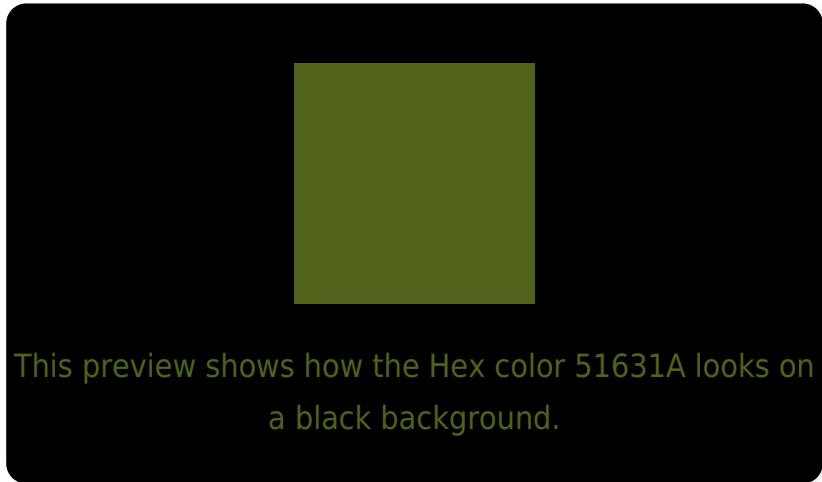
Large Text (above 18pt) WCAG AA ✓ Pass

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

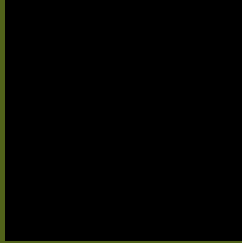
Any Text WCAG AA × Fail

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 51631A Background



This preview shows how black text looks on a background with the Hex color 51631A.



This preview shows how white text looks on a background with the Hex color 51631A.

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
51631A

Protanopia
675C18

Deuteranopia
73571F



Tritanopia
595C64

Trichromacy



Original Color
51631A

Protanomaly
5F5F19

Deuteranomaly
675B1D

Tritanomaly
565F49

Monochromacy



Original Color
51631A

Achromatopsia
555555

Achromatomaly
545A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 51631A 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 #51631A looks like.

```
.text, #text, p{  
    color:#51631A  
}
```

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 #51631A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51631A
}
```

Border

The CSS property to change the border of an element to Hex 51631A 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
#51631A }
```

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

```
.border{ border-color:#51631A }
```

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

Here you see how a box with a 4 pixel #51631A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51631A; -webkit-box-shadow:4px 4px  
4px 4px #51631A; box-shadow:4px 4px 4px  
4px #51631A }
```

Background

The CSS property to change the background color of an element to Hex 51631A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51631A }
```

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

```
.background{ background-color:#51631A }
```

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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