

Converting Colors

Hex(49641A)

Have a look what the booklet for
Hex(49641A) contains.

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Color

Hex(49641A)

Conversions

Conversions Part 1

Format	Color
Hex	49641A
RGB	73, 100, 26
RGB Percent	29%, 39%, 10%
CMY	0.7137, 0.6078, 0.8980
CMYK	0.27, 0.00, 0.74, 0.61
HSL	82°, 59%, 25%
HSV	82°, 74%, 39%
XYZ	7.4913, 10.6054, 2.6295
YIQ	83.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

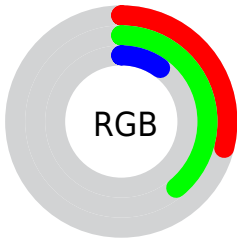
Format	Color
RYB	26, 100, 53
Decimal	4809754
CIELab	38.91, -22.30, 36.86
CIElCh	39, 43.077, 121.169
Yxy	10.6054, 0.3614, 0.5117
Android (android.graphics.Color)	4282999834 (0xFF49641A)
YUV	83.4910, -28.3431, -9.2006
Hunter-Lab	32.5659, -15.9292, 18.0088

Details

The Hex color **49641A** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **351A64**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **7C974B**, and **193500** is the 20% darker color. If you saturate the color by 10%, you get **456410**, and if you desaturate by 10%, it is **4D6424**.

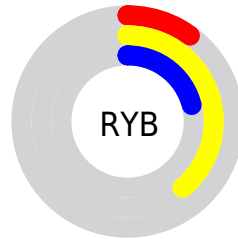
Distribution



Red (29%)

Green (39%)

Blue (10%)



Red (10%)

Yellow (39%)

Blue (21%)

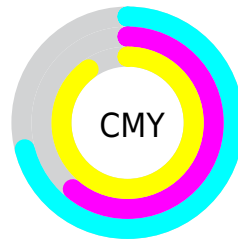


Cyan (27%)

Magenta (0%)

Yellow (74%)

Black (61%)



Cyan (71%)

Magenta (61%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 49641A 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 49641A by changing the saturation by 10% instead.



49641A



49641A

FFFFFF



304C00



7C974B



193500



97B264



002000



B2CD7D



000000



CEEA98



EBFFB3



FFFFCF



FFFFEB



49641A



49641A

■ 456410

■ 4D6424

■ 426406

■ 50642E

■ 406400

■ 546438

■ 586442

■ 5B644C

■ 5F6456

■ 636460

■ 66646A

■ 6A6474

Harmonies

Analogous

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



6C5A0C



49641A



0C6A38

Triad

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



49641A



006899



993A5C

Complementary

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



49641A



351A64

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.



87437E



49641A



005FA2

Square

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



49641A



006C7F



5D5298



983F39

Rectangle

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



49641A



006C50



5D5298



963B68

Sweetspot

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



49641A



788265



64341A



3C4231



C2C2C2



424242

Same Dimension

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



49641A



58820E



25641A



31332E



497300



9AF200

Inverse Universe

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



351A64



390E82



591A64



302E33



2A0073



5800F2

Previews

White Background



This preview shows how the Hex color 49641A 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

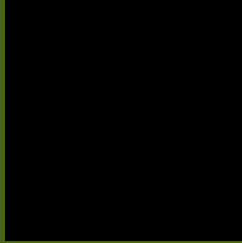
Any Text WCAG AA × Fail

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 49641A Background



This preview shows how black text looks on a background with the Hex color 49641A.



This preview shows how white text looks on a background with the Hex color 49641A.

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
49641A

Protanopia
675C18

Deuteranopia
72571F



Tritanopia
525D65

Trichromacy



Original Color
49641A

Protanomaly
5C5F19

Deuteranomaly
635C1D

Tritanomaly
4F604A

Monochromacy



Original Color
49641A

Achromatopsia
535353

Achromatomaly
4F593E

CSS Examples

Text

The CSS property to change the color of the text to Hex 49641A 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 #49641A looks like.

```
.text, #text, p{  
    color:#49641A  
}
```

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 #49641A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49641A
}
```

Border

The CSS property to change the border of an element to Hex 49641A 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
#49641A }
```

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

```
.border{ border-color:#49641A }
```

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

Here you see how a box with a 4 pixel #49641A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49641A; -webkit-box-shadow:4px 4px  
4px 4px #49641A; box-shadow:4px 4px 4px  
4px #49641A }
```

Background

The CSS property to change the background color of an element to Hex 49641A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49641A }
```

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

```
.background{ background-color:#49641A }
```

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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