

Converting Colors

Hex(64180A)

Have a look what the booklet for
Hex(64180A) contains.

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Color

Hex(64180A)

Conversions

Conversions Part 1

Format	Color
Hex	64180A
RGB	100, 24, 10
RGB Percent	39%, 9%, 4%
CMY	0.6078, 0.9059, 0.9608
CMYK	0.00, 0.76, 0.90, 0.61
HSL	9°, 82%, 22%
HSV	9°, 90%, 39%
XYZ	5.6370, 3.3845, 0.6433
YIQ	45.1280, 49.7900, 11.7580

Conversions

Conversions Part 2

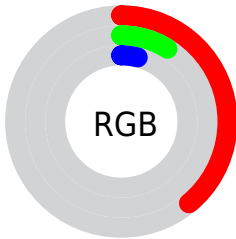
Format	Color
RYB	100, 27, 10
Decimal	6559754
CIELab	21.52, 33.25, 27.91
CIElCh	22, 43.410, 40.003
Yxy	3.3845, 0.5832, 0.3502
Android (android.graphics.Color)	4284749834 (0xFF64180A)
YUV	45.1280, -17.3181, 48.1227
Hunter-Lab	18.3970, 22.4986, 10.8046

Details

The Hex color **64180A** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0A5664**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **9D4936**, and **300001** is the 20% darker color. If you saturate the color by 10%, you get **641000**, and if you desaturate by 10%, it is **642014**.

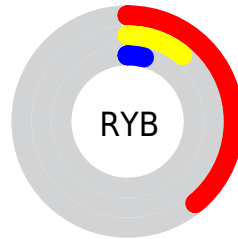
Distribution



Red (39%)

Green (9%)

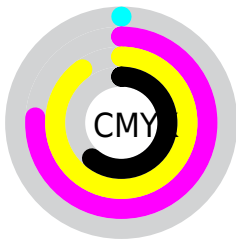
Blue (4%)



Red (39%)

Yellow (11%)

Blue (4%)

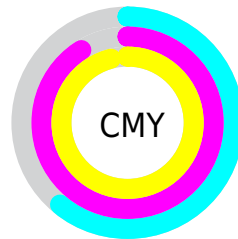


Cyan (0%)

Magenta (76%)

Yellow (90%)

Black (61%)



Cyan (61%)

Magenta (91%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64180A 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 64180A by changing the saturation by 10% instead.

 64180A

 64180A

 FFFFEB

 490000

 9D4936

 300001

 BA624D

 000000

 D77C65

 F6967E

 FFB298

 FFCDB3

 FFEACF

 64180A

 64180A

■ 641000

■ 642014

■ 64291E

■ 643128

■ 643A32

■ 64423C

■ 644B46

■ 645350

■ 645C5A

■ 646464

Harmonies

Analogous

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



6B052A



64180A



522A00

Triad

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



64180A



00401C



003474

Complementary

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



64180A



0A5664

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.



003D70



64180A



00413E

Square

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



64180A



113D00



00415C



412565

Rectangle

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



64180A



413200



00415C



003875

Sweetspot

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



64180A



82645F



640A57



42302D



C2C2C2



424242

Same Dimension

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



64180A



821400



64450A



332F2E



731200



F22600

Inverse Universe

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



0A5664



006E82



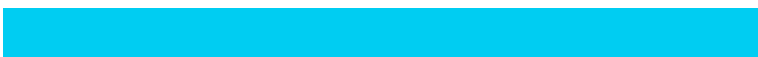
0A2A64



2E3233



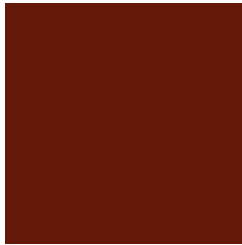
006173



00CDF2

Previews

White Background



This preview shows how the Hex color 64180A looks on a white background.

Color Contrast Check

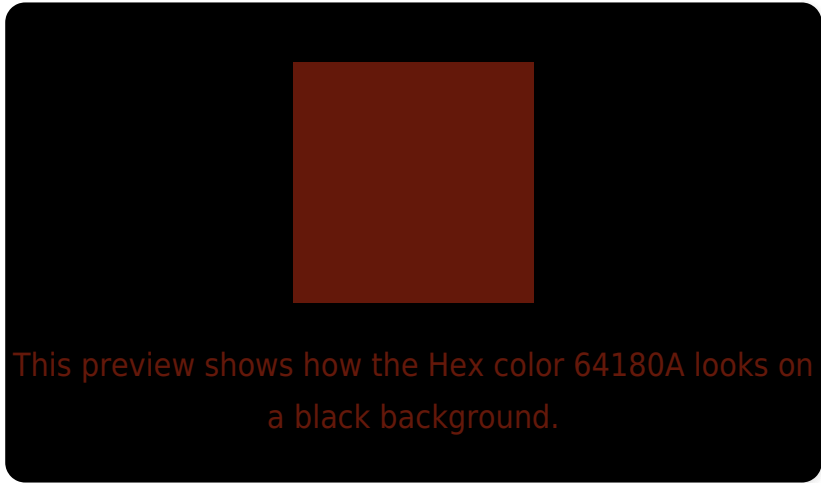
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

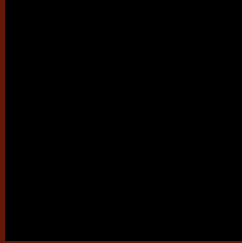
Any Text WCAG AA × Fail

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 64180A Background



This preview shows how black text looks on a background with the Hex color 64180A.

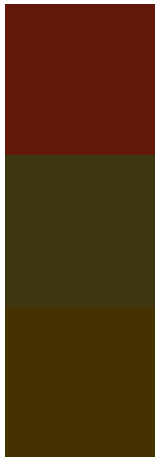


This preview shows how white text looks on a background with the Hex color 64180A.

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
64180A

Protanopia
3C3611

Deuteranopia
443300



Tritanopia
641717

Trichromacy



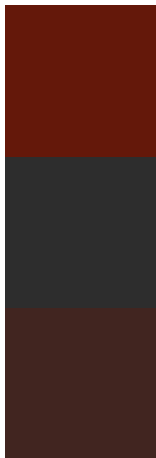
Original Color
64180A

Protanomaly
4B2B0E

Deuteranomaly
502904

Tritanomaly
641712

Monochromacy



Original Color
64180A

Achromatopsia
2D2D2D

Achromatomaly
412520

CSS Examples

Text

The CSS property to change the color of the text to Hex 64180A 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 #64180A looks like.

```
.text, #text, p{  
    color:#64180A  
}
```

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 #64180A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64180A
}
```

Border

The CSS property to change the border of an element to Hex 64180A is called "border". The border property can be set on classes, ids or directly on the HTML element.

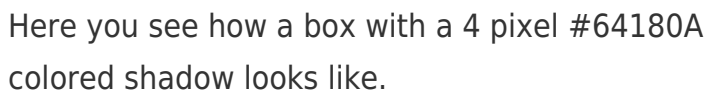
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64180A }
```

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

```
.border{ border-color:#64180A }
```

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



Here you see how a box with a 4 pixel #64180A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64180A; -webkit-box-shadow:4px 4px  
4px 4px #64180A; box-shadow:4px 4px 4px  
4px #64180A }
```

Background

The CSS property to change the background color of an element to Hex 64180A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64180A }
```

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

```
.background{ background-color:#64180A }
```

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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