

Converting Colors

Hex(64331A)

Have a look what the booklet for
Hex(64331A) contains.

Hex(64331A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(64331A)

Conversions

Conversions Part 1

Format	Color
Hex	64331A
RGB	100, 51, 26
RGB Percent	39%, 20%, 10%
CMY	0.6078, 0.8000, 0.8980
CMYK	0.00, 0.49, 0.74, 0.61
HSL	20°, 59%, 25%
HSV	20°, 74%, 39%
XYZ	6.6258, 5.1516, 1.6224
YIQ	62.8010, 37.2290, 2.6130

Conversions

Conversions Part 2

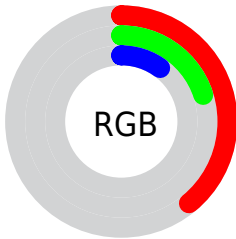
Format	Color
R_{YB}	100, 64, 26
Decimal	6566682
CIE Lab	27.16, 19.74, 25.20
CIE LCh	27, 32.011, 51.936
Yxy	5.1516, 0.4945, 0.3845
Android (android.graphics.Color)	4284756762 (0xFF64331A)
YUV	62.8010, -18.1429, 32.6235
Hunter-Lab	22.6970, 12.3886, 11.6498

Details

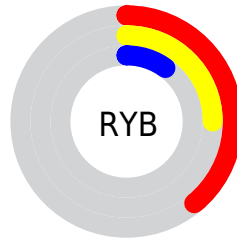
The Hex color **64331A** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **1A4B64**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **9A6246**, and **300800** is the 20% darker color. If you saturate the color by 10%, you get **642C10**, and if you desaturate by 10%, it is **643A24**.

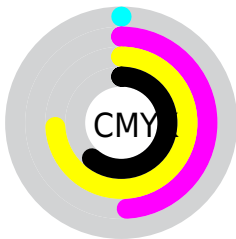
Distribution



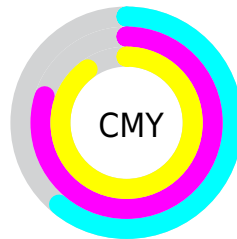
- Red (39%)
- Green (20%)
- Blue (10%)



- Red (39%)
- Yellow (25%)
- Blue (10%)



- Cyan (0%)
- Magenta (49%)
- Yellow (74%)
- Black (61%)



- Cyan (61%)
- Magenta (80%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64331A 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 64331A by changing the saturation by 10% instead.

 64331A

 64331A

FFFFFF

 4A1D01

 9A6246

 300800

 B77B5E

 120000

 D39577

 000000

 F1B091

 FFCCAC

 FFE8C7

 FFFF E3

 64331A

 64331A

■ 642C10

■ 643A24

■ 642606

■ 64402E

■ 642200

■ 644738

■ 644D42

■ 64544C

■ 645B56

■ 646160

■ 64686A

■ 646F74

Harmonies

Analogous

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



6D2B2F



64331A



533D0C

Triad

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



64331A



004C39



353C6E

Complementary

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



64331A



1A4B64

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.



004571



64331A



004C52

Square

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



64331A



1D4920



004A66



58325F

Rectangle

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



64331A



44420B



004A66



234070

Sweetspot

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



64331A



826F65



641A4B



423731



C2C2C2



424242

Same Dimension

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



64331A



82350E



64581A



33302E



732700



F25200

Inverse Universe

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



1A4B64



0E5B82



1A2664



2E3133



004C73



00A0F2

Previews

White Background



This preview shows how the Hex color 64331A looks on a white background.

Color Contrast Check

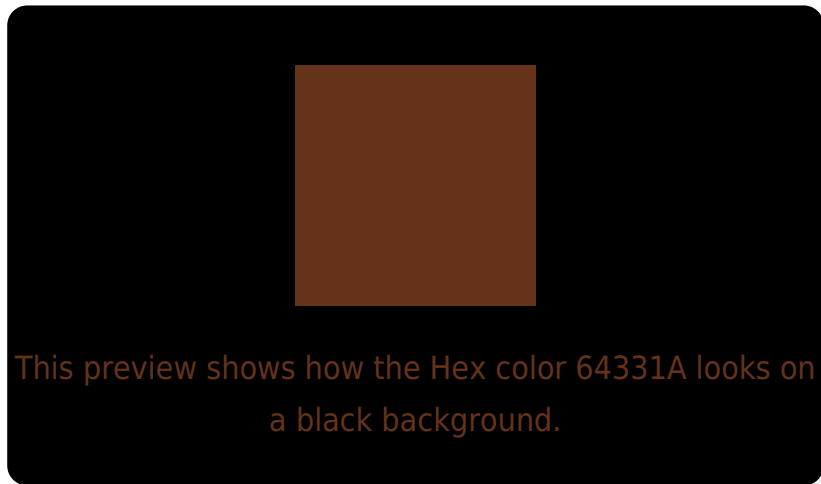
Large Text (above 18pt) WCAG AA ✓ Pass

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 64331A Background



This preview shows how black text looks on a background with the Hex color 64331A.



This preview shows how white text looks on a background with the Hex color 64331A.

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
64331A

Protanopia
48411E

Deuteranopia
513E17



Tritanopia
653033

Trichromacy



Original Color
64331A

Protanomaly
523C1D

Deuteranomaly
583A18

Tritanomaly
65312A

Monochromacy



Original Color
64331A

Achromatopsia
3F3F3F

Achromatomaly
4C3B32

CSS Examples

Text

The CSS property to change the color of the text to Hex 64331A 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 #64331A looks like.

```
.text, #text, p{  
    color:#64331A  
}
```

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 #64331A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64331A
}
```

Border

The CSS property to change the border of an element to Hex 64331A 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".

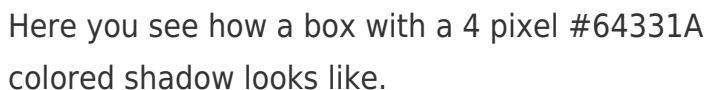
```
.border, #border, table{ border:4px solid
#64331A }
```

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

```
.border{ border-color:#64331A }
```

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

Here you see how a box with a 4 pixel #64331A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64331A; -webkit-box-shadow:4px 4px  
4px 4px #64331A; box-shadow:4px 4px 4px  
4px #64331A }
```

Background

The CSS property to change the background color of an element to Hex 64331A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64331A }
```

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

```
.background{ background-color:#64331A }
```

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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