

Converting Colors

Hex(6A0D31)

Have a look what the booklet for
Hex(6A0D31) contains.

Hex(6A0D31)	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(6A0D31)

Conversions

Conversions Part 1

Format	Color
Hex	6A0D31
RGB	106, 13, 49
RGB Percent	42%, 5%, 19%
CMY	0.5843, 0.9490, 0.8078
CMYK	0.00, 0.88, 0.54, 0.58
HSL	337°, 78%, 23%
HSV	337°, 88%, 42%
XYZ	6.6422, 3.5738, 3.2455
YIQ	44.9110, 43.8720, 30.9120

Conversions

Conversions Part 2

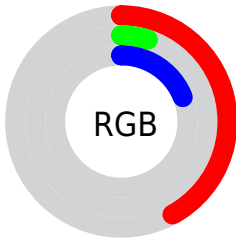
Format	Color
RYB	106, 13, 49
Decimal	6950193
CIELab	22.21, 41.25, 3.87
CIElCh	22, 41.436, 5.355
Yxy	3.5738, 0.4934, 0.2655
Android (android.graphics.Color)	4285140273 (0xFF6A0D31)
YUV	44.9110, 2.0159, 53.5751
Hunter-Lab	18.9044, 29.6341, 3.0544

Details

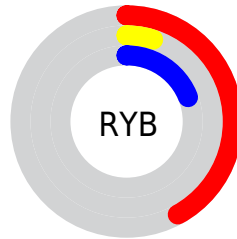
The Hex color **6A0D31** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **0D6A46**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **A2445F**, and **370001** is the 20% darker color. If you saturate the color by 10%, you get **6A022B**, and if you desaturate by 10%, it is **6A1837**.

Distribution



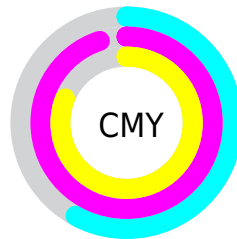
- Red (42%)
- Green (5%)
- Blue (19%)



- Red (42%)
- Yellow (5%)
- Blue (19%)



- Cyan (0%)
- Magenta (88%)
- Yellow (54%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0D31 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 6A0D31 by changing the saturation by 10% instead.

 6A0D31

 6A0D31

FFFFFF

 4F001C

 A2445F

 370001

 BE5E77

 120000

 DB7891

 000000

 F993AC

 FFAEC7

 FFCAE3

 FFE7FF

 6A0D31

 6A0D31

■ 6A022B

■ 6A1837

■ 6A0029

■ 6A223E

■ 6A2D44

■ 6A374B

■ 6A4251

■ 6A4D58

■ 6A575E

■ 6A6265

■ 6A6C6B

Harmonies

Analogous

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



5D184F



6A0D31



661913

Triad

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



6A0D31



1D3D00



003F6D

Complementary

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



6A0D31



0D6A46

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.



004258



6A0D31



00411A

Square

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



6A0D31



3E3600



00423A



003773

Rectangle

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



6A0D31



5C2400



00423A



004068

Sweetspot

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



6A0D31



8A6674



450D6A



453038



C4C4C4



454545

Same Dimension

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



6A0D31



8A0035



6A160D



363032



75002D



F5005F

Inverse Universe

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



6A0D31



8A0035



0D616A



363032



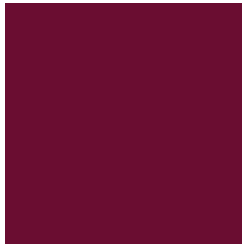
75002D



F5005F

Previews

White Background



This preview shows how the Hex color 6A0D31 looks on a white background.

Color Contrast Check

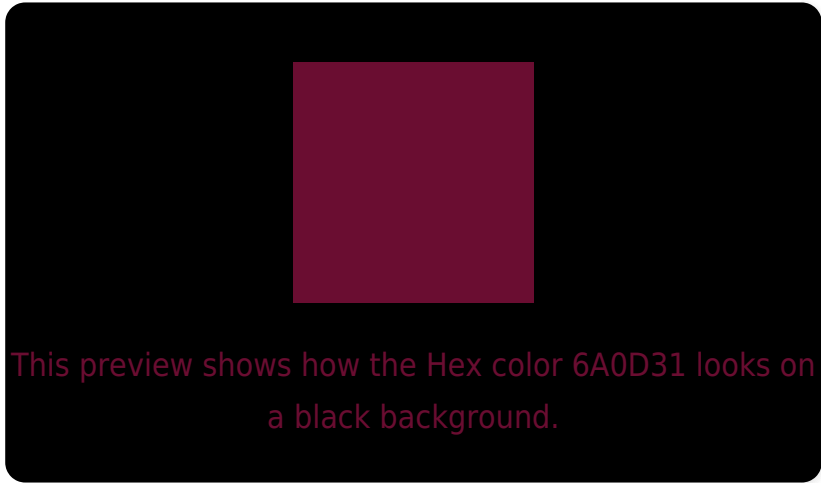
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A0D31 Background



This preview shows how black text looks on a background with the Hex color 6A0D31.

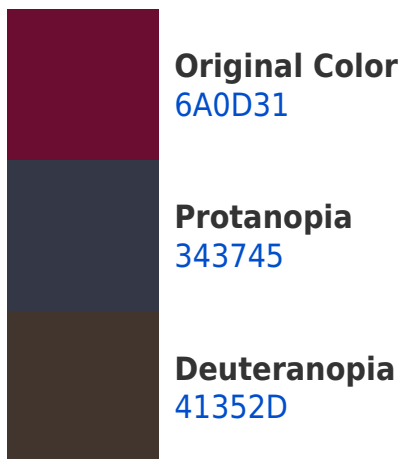


This preview shows how white text looks on a background with the Hex color 6A0D31.

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





Tritanopia
691617

Trichromacy



Original Color
6A0D31

Protanomaly
48283E

Deuteranomaly
50262E

Tritanomaly
691320

Monochromacy



Original Color
6A0D31

Achromatopsia
2D2D2D

Achromatomaly
43212E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0D31 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 #6A0D31 looks like.

```
.text, #text, p{  
    color:#6A0D31  
}
```

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 #6A0D31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0D31
}
```

Border

The CSS property to change the border of an element to Hex 6A0D31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

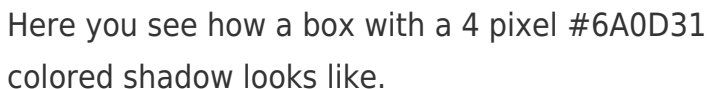
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0D31 }
```

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

```
.border{ border-color:#6A0D31 }
```

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



Here you see how a box with a 4 pixel #6A0D31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0D31; -webkit-box-shadow:4px 4px  
4px 4px #6A0D31; box-shadow:4px 4px 4px  
4px #6A0D31 }
```

Background

The CSS property to change the background color of an element to Hex 6A0D31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0D31 }
```

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

```
.background{ background-color:#6A0D31 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor