

Converting Colors

Hex(6E1E31)

Have a look what the booklet for
Hex(6E1E31) contains.

Hex(6E1E31)	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(6E1E31)

Conversions

Conversions Part 1

Format	Color
Hex	6E1E31
RGB	110, 30, 49
RGB Percent	43%, 12%, 19%
CMY	0.5686, 0.8824, 0.8078
CMYK	0.00, 0.73, 0.55, 0.57
HSL	346°, 57%, 27%
HSV	346°, 73%, 43%
XYZ	7.4491, 4.4653, 3.3750
YIQ	56.0860, 41.5810, 22.8690

Conversions

Conversions Part 2

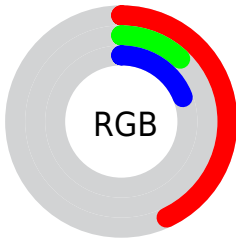
Format	Color
R_{YB}	110, 30, 49
Decimal	7216689
CIE Lab	25.15, 36.59, 8.13
CIE LCh	25, 37.478, 12.527
Yxy	4.4653, 0.4872, 0.2921
Android (android.graphics.Color)	4285406769 (0xFF6E1E31)
YUV	56.0860, -3.4934, 47.2826
Hunter-Lab	21.1312, 25.9441, 5.3223

Details

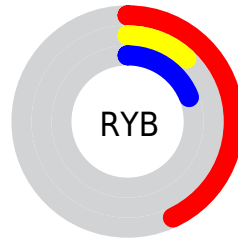
The Hex color **6E1E31** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1E6E5B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A5505F**, and **3A0001** is the 20% darker color. If you saturate the color by 10%, you get **6E1329**, and if you desaturate by 10%, it is **6E2939**.

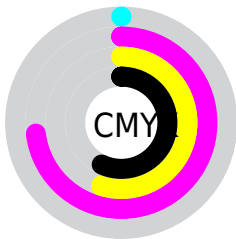
Distribution



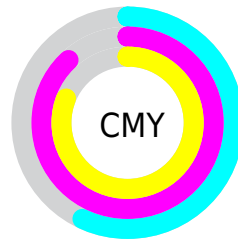
- Red (43%)
- Green (12%)
- Blue (19%)



- Red (43%)
- Yellow (12%)
- Blue (19%)



- Cyan (0%)
- Magenta (73%)
- Yellow (55%)
- Black (57%)



- Cyan (57%)
- Magenta (88%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E1E31 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 6E1E31 by changing the saturation by 10% instead.

6E1E31

6E1E31

FFFFFF

53001C

A5505F

3A0001

C26A78

1D0001

DF8491

000000

FD9FAC

FFBAC7

FFD6E3

FFF3FF

6E1E31

6E1E31

■ 6E1329

■ 6E2939

■ 6E0820

■ 6E3442

■ 6E001A

■ 6E3F4A

■ 6E4A53

■ 6E555B

■ 6E6063

■ 6E6B6C

■ 6E7674

■ 6E817C

Harmonies

Analogous

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



66214D



6E1E31



682816

Triad

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



6E1E31



1D440D



004372

Complementary

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



6E1E31



1E6E5B

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.



004861



6E1E31



00482A

Square

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



6E1E31



3E3E00



004947



0E3B73

Rectangle

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



6E1E31



5D3005



004947



00456E

Sweetspot

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



6E1E31



8F6F77



5A1E6E



473539



C7C7C7



474747

Same Dimension

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



6E1E31



8F1330



6E321E



383234



78001C



F7003B

Inverse Universe

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



6E1E31



8F1330



1E5A6E



383234



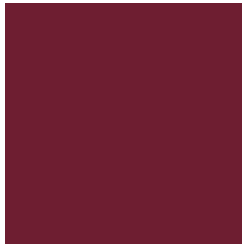
78001C



F7003B

Previews

White Background



This preview shows how the Hex color 6E1E31 looks on a white background.

Color Contrast Check

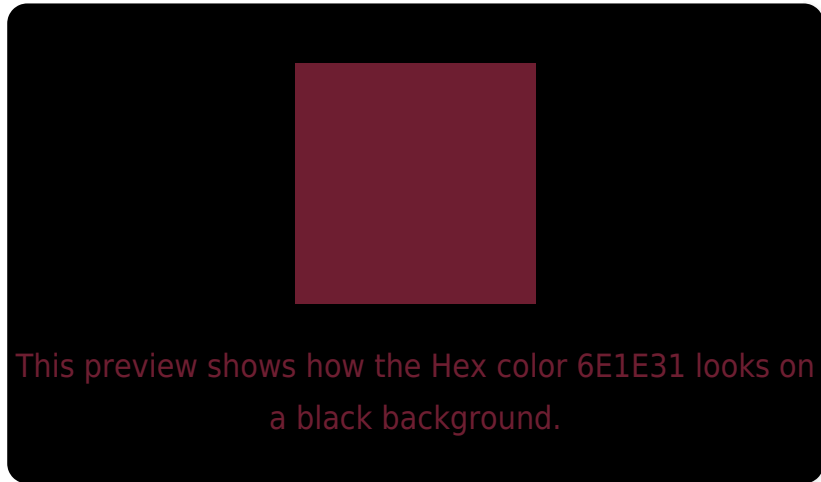
Large Text (above 18pt) WCAG AA ✓ Pass

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

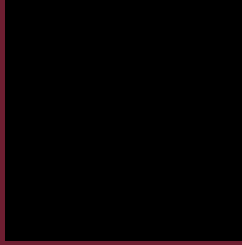
Any Text WCAG AA × Fail

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 6E1E31 Background



This preview shows how black text looks on a background with the Hex color 6E1E31.



This preview shows how white text looks on a background with the Hex color 6E1E31.

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
6E1E31

Protanopia
3D3D40

Deuteranopia
483B2D

Trichromacy



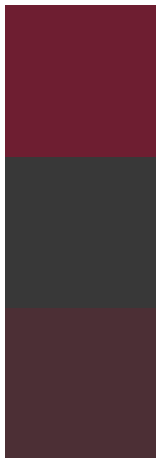
Original Color
6E1E31

Protanomaly
4F323B

Deuteranomaly
56302E

Tritanomaly
6D2028

Monochromacy



Original Color
6E1E31

Achromatopsia
383838

Achromatomaly
4C2F35

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E1E31 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 #6E1E31 looks like.

```
.text, #text, p{  
    color:#6E1E31  
}
```

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 #6E1E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E1E31
}
```

Border

The CSS property to change the border of an element to Hex 6E1E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

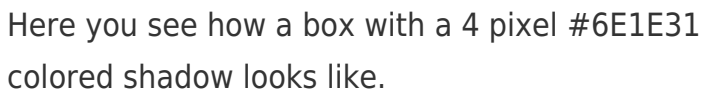
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6E1E31 }
```

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

```
.border{ border-color:#6E1E31 }
```

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



Here you see how a box with a 4 pixel #6E1E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E1E31; -webkit-box-shadow:4px 4px  
4px 4px #6E1E31; box-shadow:4px 4px 4px  
4px #6E1E31 }
```

Background

The CSS property to change the background color of an element to Hex 6E1E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E1E31 }
```

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

```
.background{ background-color:#6E1E31 }
```

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