

Converting Colors

Hex(6C2033)

Have a look what the booklet for
Hex(6C2033) contains.

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Color

Hex(6C2033)

Conversions

Conversions Part 1

Format	Color
Hex	6C2033
RGB	108, 32, 51
RGB Percent	42%, 13%, 20%
CMY	0.5765, 0.8745, 0.8000
CMYK	0.00, 0.70, 0.53, 0.58
HSL	345°, 54%, 27%
HSV	345°, 70%, 42%
XYZ	7.2984, 4.4602, 3.6082
YIQ	56.8900, 39.1970, 22.0210

Conversions

Conversions Part 2

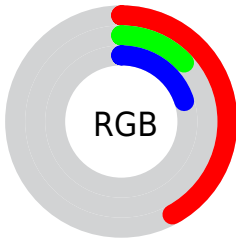
Format	Color
R_{YB}	108, 32, 51
Decimal	7086131
CIE Lab	25.14, 35.20, 6.69
CIE LCh	25, 35.831, 10.756
Yxy	4.4602, 0.4749, 0.2902
Android (android.graphics.Color)	4285276211 (0xFF6C2033)
YUV	56.8900, -2.9038, 44.8235
Hunter-Lab	21.1192, 24.7278, 4.6537

Details

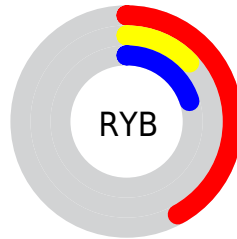
The Hex color **6C2033** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **206C59**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A35261**, and **380004** is the 20% darker color. If you saturate the color by 10%, you get **6C152B**, and if you desaturate by 10%, it is **6C2B3B**.

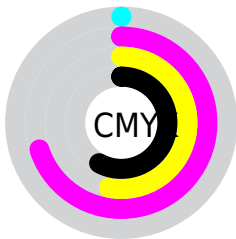
Distribution



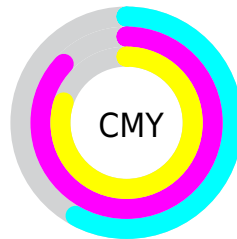
- Red (42%)
- Green (13%)
- Blue (20%)



- Red (42%)
- Yellow (13%)
- Blue (20%)



- Cyan (0%)
- Magenta (70%)
- Yellow (53%)
- Black (58%)



- Cyan (58%)
- Magenta (87%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C2033 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 6C2033 by changing the saturation by 10% instead.

 6C2033

 6C2033

FFFFFF

 51031E

 A35261

 380004

 BF6B7A

 1B0001

 DC8594

 000000

 FAA0AE

 FFBBCA

 FFD8E6

 FFF4FF

 6C2033

 6C2033

■ 6C152B

■ 6C2B3B

■ 6C0A23

■ 6C3643

■ 6C001B

■ 6C404B

■ 6C4B53

■ 6C565C

■ 6C6164

■ 6C6C6C

■ 6C7674

■ 6C817C

Harmonies

Analogous

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



63244E



6C2033



672819

Triad

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



6C2033



22440E



00436F

Complementary

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



6C2033



206C59

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.



00475E



6C2033



004729

Square

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



6C2033



403D00



004845



0C3C71

Rectangle

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



6C2033



5D300A



004845



00456B

Sweetspot

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



6C2033



8C6F76



59206C



47363A



C7C7C7



474747

Same Dimension

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



6C2033



8C1634



6C3320



363032



75001D



F5003D

Inverse Universe

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



6C2033



8C1634



20596C



363032



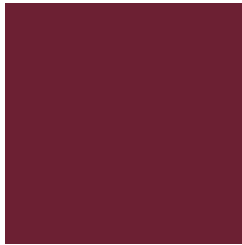
75001D



F5003D

Previews

White Background



This preview shows how the Hex color 6C2033 looks on a white background.

Color Contrast Check

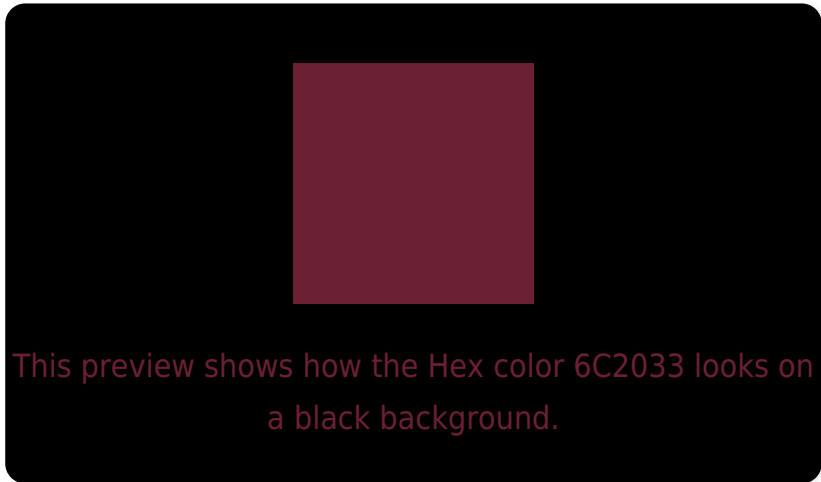
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C2033 Background



This preview shows how black text looks on a background with the Hex color 6C2033.



This preview shows how white text looks on a background with the Hex color 6C2033.

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
6C2033

Protanopia
3D3D42

Deuteranopia
473A2F



Tritanopia
6B2325

Trichromacy



Original Color
6C2033

Protanomaly
4E323D

Deuteranomaly
543130

Tritanomaly
6B222A

Monochromacy



Original Color
6C2033

Achromatopsia
393939

Achromatomaly
4C3037

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C2033 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 #6C2033 looks like.

```
.text, #text, p{  
    color:#6C2033  
}
```

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 #6C2033 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2033
}
```

Border

The CSS property to change the border of an element to Hex 6C2033 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".

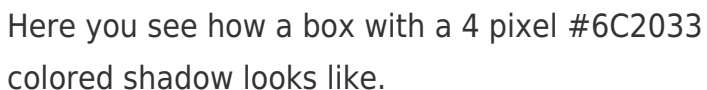
```
.border, #border, table{ border:4px solid
#6C2033 }
```

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

```
.border{ border-color:#6C2033 }
```

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

Here you see how a box with a 4 pixel #6C2033 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2033; -webkit-box-shadow:4px 4px  
4px 4px #6C2033; box-shadow:4px 4px 4px  
4px #6C2033 }
```

Background

The CSS property to change the background color of an element to Hex 6C2033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2033 }
```

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

```
.background{ background-color:#6C2033 }
```

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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