

Converting Colors

Hex(6D2129)

Have a look what the booklet for
Hex(6D2129) contains.

Hex(6D2129)	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(6D2129)

Conversions

Conversions Part 1

Format	Color
Hex	6D2129
RGB	109, 33, 41
RGB Percent	43%, 13%, 16%
CMY	0.5725, 0.8706, 0.8392
CMYK	0.00, 0.70, 0.62, 0.57
HSL	354°, 54%, 28%
HSV	354°, 70%, 43%
XYZ	7.2508, 4.4990, 2.5841
YIQ	56.6360, 42.7280, 18.6000

Conversions

Conversions Part 2

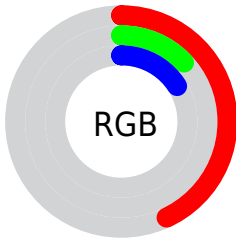
Format	Color
R_{YB}	109, 33, 41
Decimal	7151913
CIE Lab	25.26, 34.22, 13.66
CIE LCh	25, 36.849, 21.755
Yxy	4.4990, 0.5058, 0.3139
Android (android.graphics.Color)	4285341993 (0xFF6D2129)
YUV	56.6360, -7.7085, 45.9232
Hunter-Lab	21.2109, 23.8997, 7.6245

Details

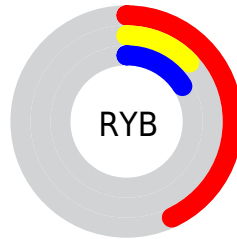
The Hex color **6D2129** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **216D65**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **A55256**, and **380000** is the 20% darker color. If you saturate the color by 10%, you get **6D161F**, and if you desaturate by 10%, it is **6D2C33**.

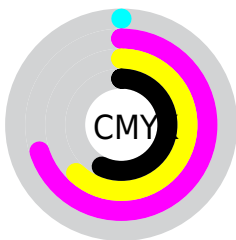
Distribution



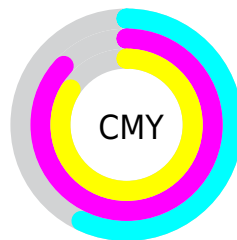
- Red (43%)
- Green (13%)
- Blue (16%)



- Red (43%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (57%)



- Cyan (57%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D2129 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 6D2129 by changing the saturation by 10% instead.

 6D2129

 6D2129

FFFFFF

 520515

 A55256

 380000

 C16C6E

 1B0001

 DF8688

 000000

 FCA1A2

 FFBCBD

 FFD8D9

 FFF5F5

 6D2129

 6D2129

■ 6D161F

■ 6D2C33

■ 6D0B15

■ 6D373D

■ 6D000C

■ 6D4246

■ 6D000B

■ 6D4D50

■ 6D575A

■ 6D6264

■ 6D6D6D

■ 6D7877

■ 6D8381

Harmonies

Analogous

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



6A2045



6D2129



632C10

Triad

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



6D2129



0E4617



004173

Complementary

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



6D2129



216D65

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.



004767



6D2129



004833

Square

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



6D2129



364100



004950



2B3870

Rectangle

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



6D2129



573400



004950



004471

Sweetspot

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



6D2129



8F7174



64216D



473637



C7C7C7



474747

Same Dimension

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



6D2129



8F1723



6D3E21



363031



75000C



F5001A

Inverse Universe

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



6D2129



8F1723



21506D



363031



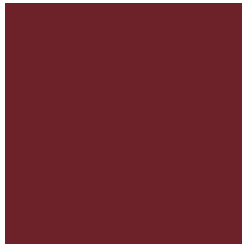
75000C



F5001A

Previews

White Background



This preview shows how the Hex color 6D2129 looks on a white background.

Color Contrast Check

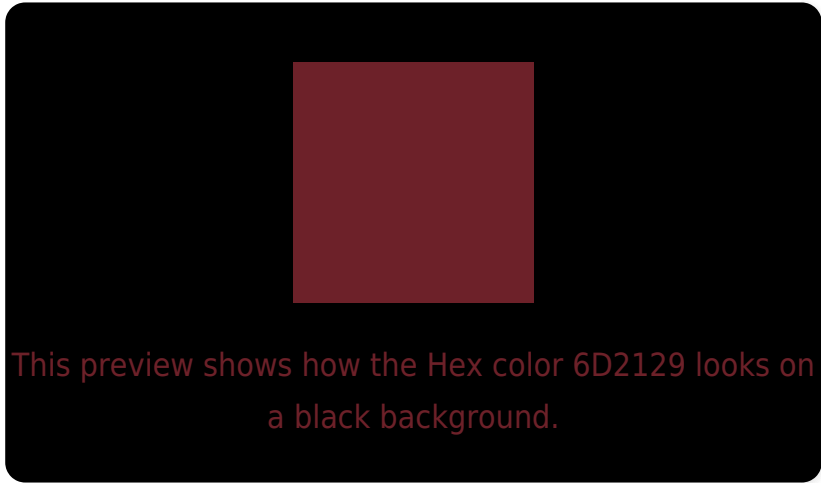
Large Text (above 18pt) WCAG AA ✓ Pass

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 6D2129 Background



This preview shows how black text looks on a background with the Hex color 6D2129.



This preview shows how white text looks on a background with the Hex color 6D2129.

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
6D2129

Protanopia
403D35

Deuteranopia
4A3A25



Tritanopia
6D2224

Trichromacy



Original Color
6D2129

Protanomaly
503331

Deuteranomaly
573126

Tritanomaly
6D2226

Monochromacy



Original Color
6D2129

Achromatopsia
393939

Achromatomaly
4C3033

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D2129 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 #6D2129 looks like.

```
.text, #text, p{  
    color:#6D2129  
}
```

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 #6D2129 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D2129
}
```

Border

The CSS property to change the border of an element to Hex 6D2129 is called "border". The border property can be set on classes, ids or directly on the HTML element.

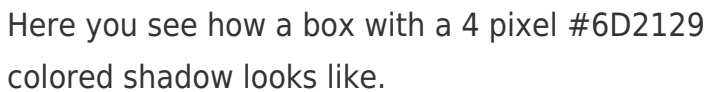
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6D2129 }
```

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

```
.border{ border-color:#6D2129 }
```

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



Here you see how a box with a 4 pixel #6D2129 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D2129; -webkit-box-shadow:4px 4px  
4px 4px #6D2129; box-shadow:4px 4px 4px  
4px #6D2129 }
```

Background

The CSS property to change the background color of an element to Hex 6D2129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D2129 }
```

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

```
.background{ background-color:#6D2129 }
```

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