

# Converting Colors

Hex(6B1629)

Have a look what the booklet for  
Hex(6B1629) contains.

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**Color**

**Hex(6B1629)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B1629
RGB	107, 22, 41
RGB Percent	42%, 9%, 16%
CMY	0.5804, 0.9137, 0.8392
CMYK	0.00, 0.79, 0.62, 0.58
HSL	347°, 66%, 25%
HSV	347°, 79%, 42%
XYZ	6.7506, 3.8597, 2.4870
YIQ	49.5810, 44.5610, 23.9290

# Conversions

## Conversions Part 2

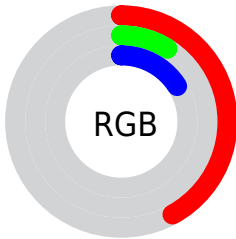
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 22, 41
Decimal	7018025
CIELab	23.20, 38.09, 10.84
CIElCh	23, 39.602, 15.891
Yxy	3.8597, 0.5154, 0.2947
Android (android.graphics.Color)	4285208105 (0xFF6B1629)
YUV	49.5810, -4.2304, 50.3565
Hunter-Lab	19.6462, 26.9530, 6.2467

# Details

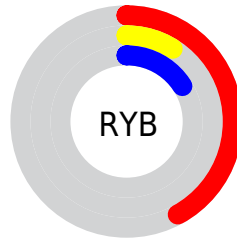
The Hex color **6B1629** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **166B58**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **A34A56**, and **370000** is the 20% darker color. If you saturate the color by 10%, you get **6B0B21**, and if you desaturate by 10%, it is **6B2131**.

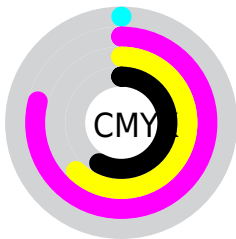
# Distribution



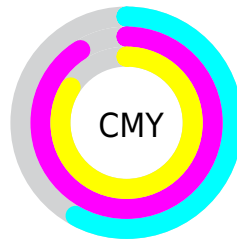
- Red (42%)
- Green (9%)
- Blue (16%)



- Red (42%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (79%)
- Yellow (62%)
- Black (58%)



- Cyan (58%)
- Magenta (91%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1629 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 6B1629 by changing the saturation by 10% instead.



 6B1629

 6B1629

FFFFFF

 500015

 A34A56

 370000

 C0636E

 140000

 DD7D87

 000000

 FB98A2

 FFB3BD

 FFCFD8

 FFECF5

 6B1629

 6B1629

■ 6B0B21

■ 6B2131

■ 6B0118

■ 6B2B3A

■ 6B0018

■ 6B3642

■ 6B414A

■ 6B4C53

■ 6B565B

■ 6B6163

■ 6B6C6B

■ 6B7674

# Harmonies

## Analogous

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



651847



6B1629



63230D

# Triad

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



6B1629



0F4108



003F71

# Complementary

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



6B1629



166B58

# 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.



004361



6B1629



004428

# Square

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



6B1629



363B00



004447



0C3571

# Rectangle

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



6B1629



572D00



004447



00416D



# Sweetspot

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



6B1629



8C6B72



57166B



473337



C7C7C7



474747



# Same Dimension

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



6B1629



8C0725



6B2D16



363031



75001A



F50037



# Inverse Universe

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



6B1629



8C0725



16546B



363031



75001A

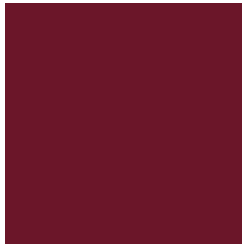


F50037



# Previews

## White Background



This preview shows how the Hex color 6B1629 looks on a white background.

## Color Contrast Check

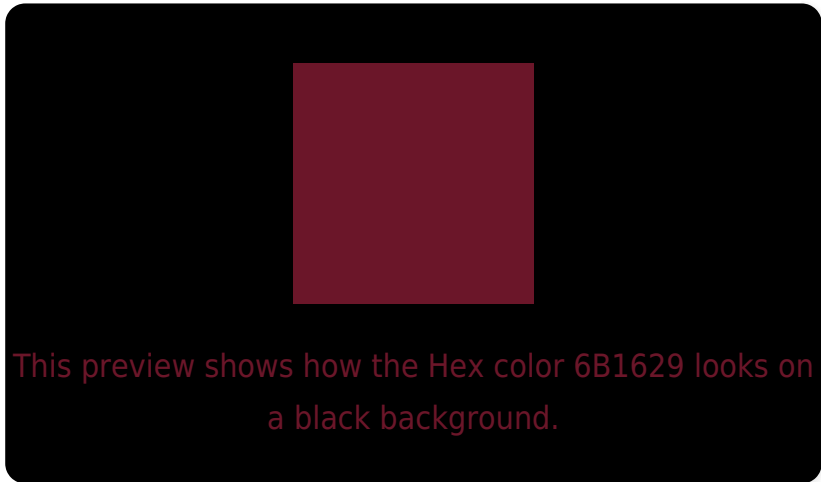
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B1629 Background



This preview shows how black text looks on a background with the Hex color 6B1629.



This preview shows how white text looks on a background with the Hex color 6B1629.

# 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**  
6B1629

**Protanopia**  
3A3938

**Deuteranopia**  
453725



**Tritanopia**  
6A191A

# Trichromacy



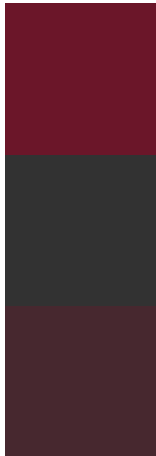
**Original Color**  
6B1629

**Protanomaly**  
4C2C33

**Deuteranomaly**  
532B26

**Tritanomaly**  
6A181F

# Monochromacy



**Original Color**  
6B1629

**Achromatopsia**  
323232

**Achromatomaly**  
47282F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1629 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 #6B1629 looks like.

```
.text, #text, p{  
    color:#6B1629  
}
```

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 #6B1629 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1629
}
```

## Border

The CSS property to change the border of an element to Hex 6B1629 is called "border". The border property can be set on classes, ids or directly on the HTML element.

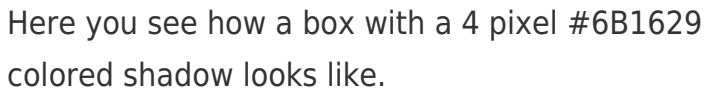
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1629 }
```

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

```
.border{ border-color:#6B1629 }
```

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



Here you see how a box with a 4 pixel #6B1629 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1629; -webkit-box-shadow:4px 4px  
4px 4px #6B1629; box-shadow:4px 4px 4px  
4px #6B1629 }
```

# Background

The CSS property to change the background color of an element to Hex 6B1629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1629 }
```

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

```
.background{ background-color:#6B1629 }
```

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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