

# Converting Colors

Hex(6B1323)

Have a look what the booklet for  
Hex(6B1323) contains.

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**Color**

**Hex(6B1323)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B1323
RGB	107, 19, 35
RGB Percent	42%, 7%, 14%
CMY	0.5804, 0.9255, 0.8627
CMYK	0.00, 0.82, 0.67, 0.58
HSL	349°, 70%, 25%
HSV	349°, 82%, 42%
XYZ	6.5996, 3.7129, 1.9589
YIQ	47.1360, 47.3120, 23.6320

# Conversions

## Conversions Part 2

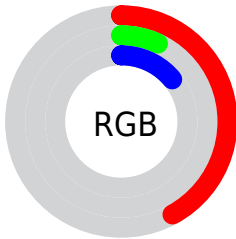
Format	Color
R <sub>Y</sub> B	107, 19, 35
Decimal	7017251
CIE Lab	22.70, 38.70, 14.32
CIE LCh	23, 41.267, 20.298
Yxy	3.7129, 0.5378, 0.3026
Android (android.graphics.Color)	4285207331 (0xFF6B1323)
YUV	47.1360, -5.9830, 52.5007
Hunter-Lab	19.2689, 27.4163, 7.4606

# Details

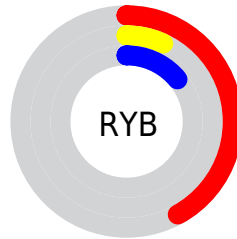
The Hex color **6B1323** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **136B5B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **A3474F**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6B081A**, and if you desaturate by 10%, it is **6B1E2C**.

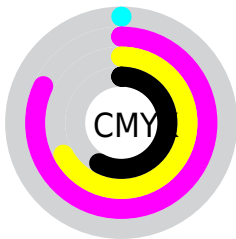
# Distribution



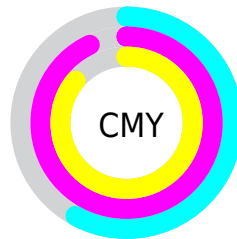
- Red (42%)
- Green (7%)
- Blue (14%)



- Red (42%)
- Yellow (7%)
- Blue (14%)



- Cyan (0%)
- Magenta (82%)
- Yellow (67%)
- Black (58%)



- Cyan (58%)
- Magenta (93%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B1323 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 6B1323 by changing the saturation by 10% instead.



 6B1323

 6B1323

FFFFFF

 50000E

 A3474F

 360000

 C06167

 110000

 DE7B80

 000000

 FC969A

 FFB1B5

 FFCDD0

 FFEAED

 6B1323

 6B1323

■ 6B081A

■ 6B1E2C

■ 6B0013

■ 6B2835

■ 6B333D

■ 6B3E46

■ 6B494F

■ 6B5358

■ 6B5E60

■ 6B6969

■ 6B7372

# Harmonies

## Analogous

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



671242



6B1323



602303

# Triad

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



6B1323



00400A



003D73

# Complementary

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



6B1323



136B5B

# 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.



004265



6B1323



00432B

# Square

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



6B1323



313B00



00444B



193270

# Rectangle

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



6B1323



542D00



00444B



003F70



# Sweetspot

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



6B1323



8C6970



5B136B



473236



C7C7C7



474747



# Same Dimension

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



6B1323



8C011B



6B2F13



363031



750015



F5002D



# Inverse Universe

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



6B1323



8C011B



134F6B



363031



750015

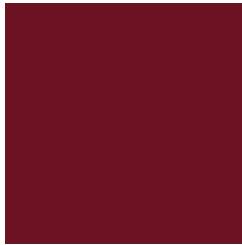


F5002D



# Previews

## White Background



This preview shows how the Hex color 6B1323 looks on a white background.

## Color Contrast Check

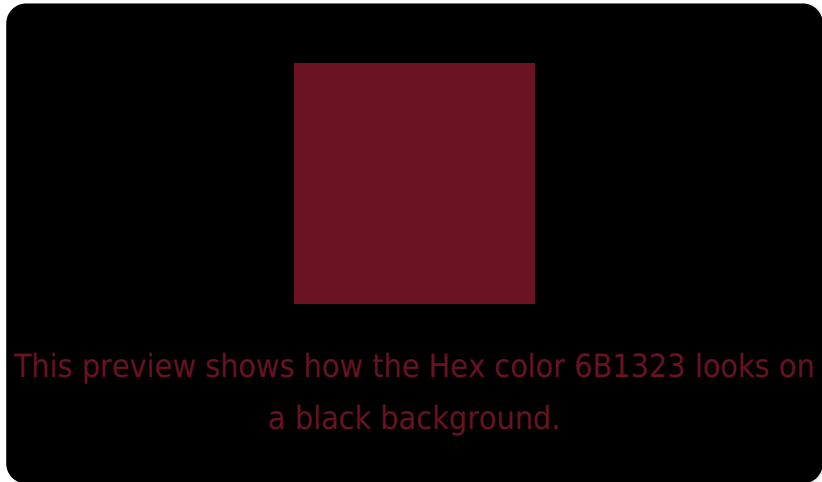
Large Text (above 18pt) WCAG AA ✓ Pass

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

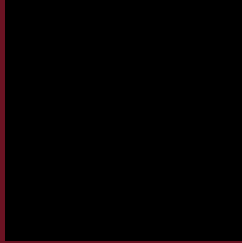
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6B1323 Background



This preview shows how black text looks on a background with the Hex color 6B1323.



This preview shows how white text looks on a background with the Hex color 6B1323.

# 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**  
6B1323

**Protanopia**  
3B3831

**Deuteranopia**  
45361E



**Tritanopia**  
6B1616

# Trichromacy



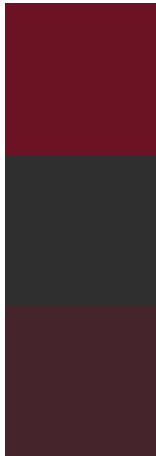
**Original Color**  
6B1323

**Protanomaly**  
4C2B2C

**Deuteranomaly**  
532920

**Tritanomaly**  
6B151B

# Monochromacy



**Original Color**  
6B1323

**Achromatopsia**  
2F2F2F

**Achromatomaly**  
45252B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B1323 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 #6B1323 looks like.

```
.text, #text, p{  
    color:#6B1323  
}
```

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 #6B1323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B1323
}
```

## Border

The CSS property to change the border of an element to Hex 6B1323 is called "border". The border property can be set on classes, ids or directly on the HTML element.

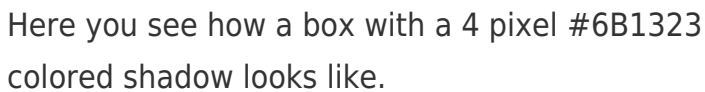
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6B1323 }
```

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

```
.border{ border-color:#6B1323 }
```

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



Here you see how a box with a 4 pixel #6B1323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B1323; -webkit-box-shadow:4px 4px  
4px 4px #6B1323; box-shadow:4px 4px 4px  
4px #6B1323 }
```

# Background

The CSS property to change the background color of an element to Hex 6B1323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B1323 }
```

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

```
.background{ background-color:#6B1323 }
```

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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