

# Converting Colors

Hex(6B2B20)

Have a look what the booklet for  
Hex(6B2B20) contains.

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**Color**

**Hex(6B2B20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6B2B20
RGB	107, 43, 32
RGB Percent	42%, 17%, 13%
CMY	0.5804, 0.8314, 0.8745
CMYK	0.00, 0.60, 0.70, 0.58
HSL	9°, 54%, 27%
HSV	9°, 70%, 42%
XYZ	7.1880, 4.9578, 1.9446
YIQ	60.8820, 41.6750, 10.1470

# Conversions

## Conversions Part 2

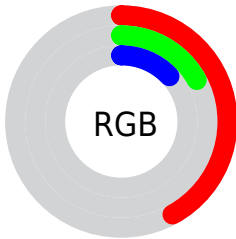
<b>Format</b>	<b>Color</b>
<b>RYB</b>	107, 45, 32
Decimal	7023392
CIELab	26.61, 27.76, 21.19
CIElCh	27, 34.927, 37.361
Yxy	4.9578, 0.5101, 0.3519
Android (android.graphics.Color)	4285213472 (0xFF6B2B20)
YUV	60.8820, -14.2388, 40.4455
Hunter-Lab	22.2662, 18.6577, 10.4083

# Details

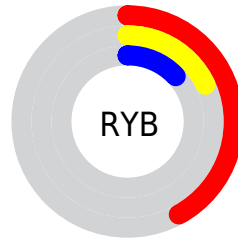
The Hex color **6B2B20** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20606B**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **A25B4C**, and **360000** is the 20% darker color. If you saturate the color by 10%, you get **6B2215**, and if you desaturate by 10%, it is **6B342B**.

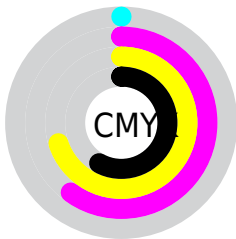
# Distribution



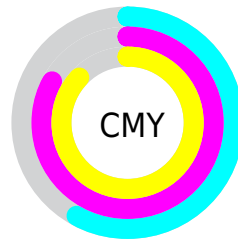
- Red (42%)
- Green (17%)
- Blue (13%)



- Red (42%)
- Yellow (18%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (70%)
- Black (58%)



- Cyan (58%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6B2B20 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 6B2B20 by changing the saturation by 10% instead.



 6B2B20

 6B2B20

FFFFFF

 50140A

 A25B4C

 360000

 BF7464

 1A0001

 DC8E7D

 000000

 FAA997

 FFC4B2

 FFE1CE

 FFFDEA

 6B2B20

 6B2B20

■ 6B2215

■ 6B342B

■ 6B190B

■ 6B3D35

■ 6B1000

■ 6B4640

■ 6B504B

■ 6B5956

■ 6B6260

■ 6B6B6B

■ 6B7476

■ 6B7D80

# Harmonies

## Analogous

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



6F2539



6B2B20



5C360B

# Triad

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



6B2B20



004A29



074074

# Complementary

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



6B2B20



20606B

# 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.



004770



6B2B20



004B45

# Square

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



6B2B20



2A4611



004B5F



48356A

# Rectangle

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



6B2B20



4E3D02



004B5F



004374



# Sweetspot

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



6B2B20



8C736F



6B2061



473836



C7C7C7



474747



# Same Dimension

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



6B2B20



8C2816



6B5020



363130



751100



F52400



# Inverse Universe

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



20606B



167B8C



203C6B



303536



006475

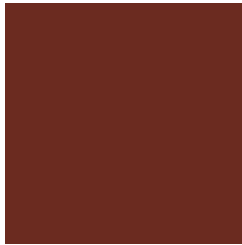


00D1F5



# Previews

## White Background



This preview shows how the Hex color 6B2B20 looks on a white background.

## Color Contrast Check

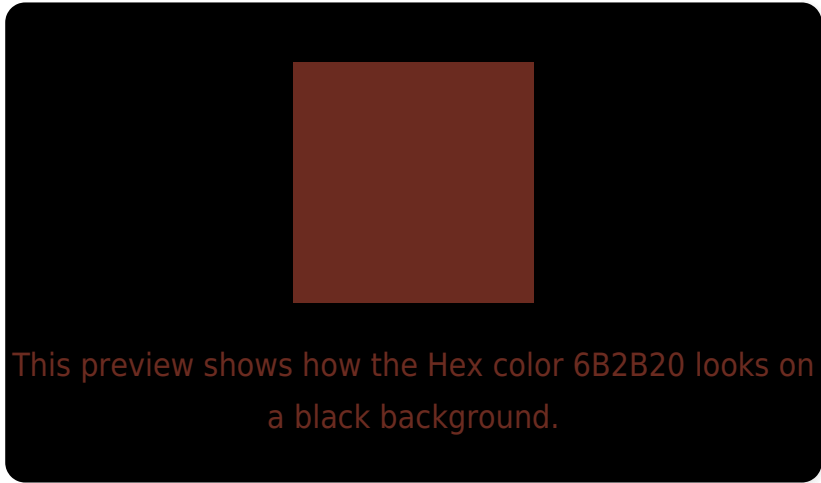
Large Text (above 18pt) WCAG AA ✓ Pass

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 6B2B20 Background



This preview shows how black text looks on a background with the Hex color 6B2B20.

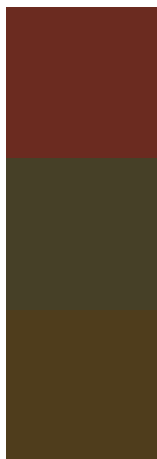


This preview shows how white text looks on a background with the Hex color 6B2B20.

# 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**  
6B2B20

**Protanopia**  
464027

**Deuteranopia**  
4F3D1C



**Tritanopia**  
6C292C

# Trichromacy



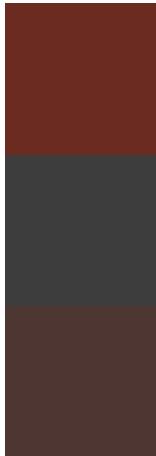
**Original Color**  
6B2B20

**Protanomaly**  
533824

**Deuteranomaly**  
59361D

**Tritanomaly**  
6C2A28

# Monochromacy



**Original Color**  
6B2B20

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
4E3632

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6B2B20 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 #6B2B20 looks like.

```
.text, #text, p{  
    color:#6B2B20  
}
```

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 #6B2B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B2B20
}
```

## Border

The CSS property to change the border of an element to Hex 6B2B20 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".

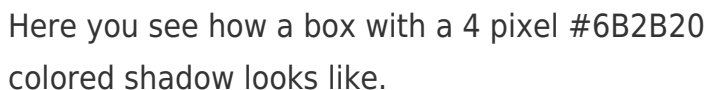
```
.border, #border, table{ border:4px solid
#6B2B20 }
```

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

```
.border{ border-color:#6B2B20 }
```

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

Here you see how a box with a 4 pixel #6B2B20 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #6B2B20 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B2B20; -webkit-box-shadow:4px 4px  
4px 4px #6B2B20; box-shadow:4px 4px 4px  
4px #6B2B20 }
```

# Background

The CSS property to change the background color of an element to Hex 6B2B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B2B20 }
```

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

```
.background{ background-color:#6B2B20 }
```

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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