

Converting Colors

Hex(5B3220)

Have a look what the booklet for
Hex(5B3220) contains.

Hex(5B3220)	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(5B3220)

Conversions

Conversions Part 1

Format	Color
Hex	5B3220
RGB	91, 50, 32
RGB Percent	36%, 20%, 13%
CMY	0.6431, 0.8039, 0.8745
CMYK	0.00, 0.45, 0.65, 0.64
HSL	18°, 48%, 24%
HSV	18°, 65%, 36%
XYZ	5.7157, 4.6096, 1.9550
YIQ	60.2070, 30.2140, 3.0940

Conversions

Conversions Part 2

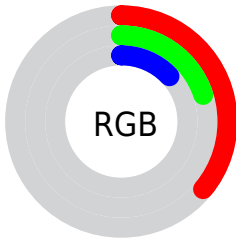
Format	Color
RYB	91, 58, 32
Decimal	5976608
CIELab	25.59, 16.61, 19.34
CIELCh	26, 25.496, 49.337
Yxy	4.6096, 0.4654, 0.3754
Android (android.graphics.Color)	4284166688 (0xFF5B3220)
YUV	60.2070, -13.9061, 27.0055
Hunter-Lab	21.4701, 9.9471, 9.6303

Details

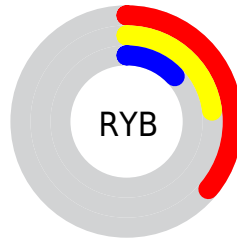
The Hex color **5B3220** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20495B**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **90614C**, and **2A0600** is the 20% darker color. If you saturate the color by 10%, you get **5B2C17**, and if you desaturate by 10%, it is **5B3829**.

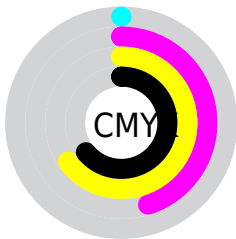
Distribution



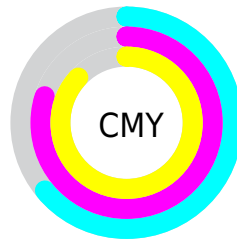
- Red (36%)
- Green (20%)
- Blue (13%)



- Red (36%)
- Yellow (23%)
- Blue (13%)



- Cyan (0%)
- Magenta (45%)
- Yellow (65%)
- Black (64%)



- Cyan (64%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B3220 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 5B3220 by changing the saturation by 10% instead.

 5B3220

 5B3220

FFFFFF

 421C0A

 90614C

 2A0600

 AB7A65

 000000

 C8947E

 E4AE98

 FFCAB2

 FFE6CE

 FFFFEA

 5B3220

 5B3220

■ 5B2C17

■ 5B3829

■ 5B250E

■ 5B3F32

■ 5B1F05

■ 5B453B

■ 5B1C00

■ 5B4B44

■ 5B524E

■ 5B5857

■ 5B5E60

■ 5B6569

■ 5B6B72

Harmonies

Analogous

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



612D31



5B3220



4E3916

Triad

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



5B3220



004635



333A61

Complementary

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



5B3220



20495B

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.



004162



5B3220



004649

Square

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



5B3220



254422



004559



4E3356

Rectangle

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



5B3220



423E15



004559



263D63

Sweetspot

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



5B3220



75665F



5B2049



3B312D



BABABA



3B3B3B

Same Dimension

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



5B3220



75361A



5B4F20



2E2B29



6E2100



ED4800

Inverse Universe

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



20495B



1A5975



202C5B



292C2E



004C6E



00A5ED

Previews

White Background



This preview shows how the Hex color 5B3220 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

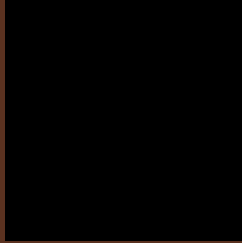
Any Text WCAG AA × Fail

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 5B3220 Background



This preview shows how black text looks on a background with the Hex color 5B3220.

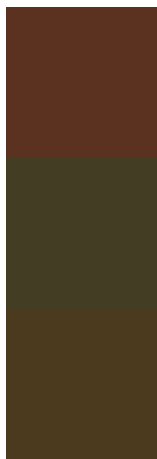


This preview shows how white text looks on a background with the Hex color 5B3220.

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
5B3220

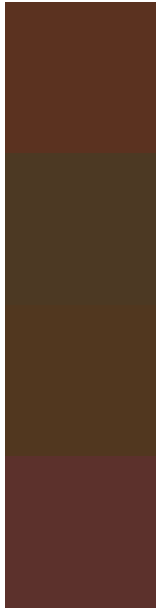
Protanopia
433D24

Deuteranopia
4B3A1E



Tritanopia
5C3033

Trichromacy



Original Color
5B3220

Protanomaly
4C3923

Deuteranomaly
51371F

Tritanomaly
5C312C

Monochromacy



Original Color
5B3220

Achromatopsia
3C3C3C

Achromatomaly
473832

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B3220 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 #5B3220 looks like.

```
.text, #text, p{  
    color:#5B3220  
}
```

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 #5B3220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3220
}
```

Border

The CSS property to change the border of an element to Hex 5B3220 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".

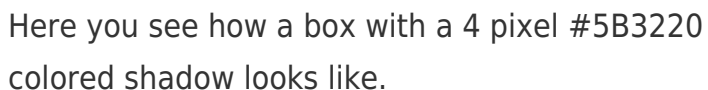
```
.border, #border, table{ border:4px solid
#5B3220 }
```

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

```
.border{ border-color:#5B3220 }
```

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

Here you see how a box with a 4 pixel #5B3220 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3220; -webkit-box-shadow:4px 4px  
4px 4px #5B3220; box-shadow:4px 4px 4px  
4px #5B3220 }
```

Background

The CSS property to change the background color of an element to Hex 5B3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3220 }
```

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

```
.background{ background-color:#5B3220 }
```

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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