

# Converting Colors

Hex(5B3200)

Have a look what the booklet for  
Hex(5B3200) contains.

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**Color**

**Hex(5B3200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B3200
RGB	91, 50, 0
RGB Percent	36%, 20%, 0%
CMY	0.6431, 0.8039, 1.0000
CMYK	0.00, 0.45, 1.00, 0.64
HSL	33°, 100%, 18%
HSV	33°, 100%, 36%
XYZ	5.4550, 4.5054, 0.5821
YIQ	56.5590, 40.4860, -6.8580

# Conversions

## Conversions Part 2

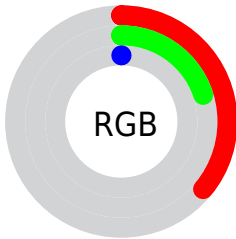
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	75, 91, 0
Decimal	5976576
CIE Lab	25.28, 14.95, 35.25
CIE LCh	25, 38.293, 67.019
Yxy	4.5054, 0.5174, 0.4274
Android (android.graphics.Color)	4284166656 (0xFF5B3200)
YUV	56.5590, -27.8836, 30.2048
Hunter-Lab	21.2258, 8.7289, 13.2321

# Details

The Hex color **5B3200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **00295B**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **926130**, and **280700** is the 20% darker color. If you saturate the color by 10%, you get **5B3200**, and if you desaturate by 10%, it is **5B3609**.

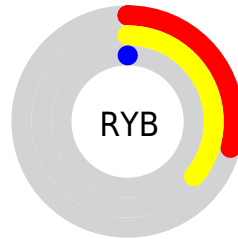
# Distribution



Red (36%)

Green (20%)

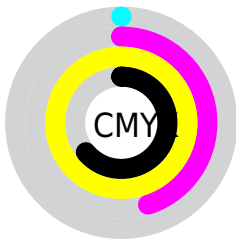
Blue (0%)



Red (29%)

Yellow (36%)

Blue (0%)

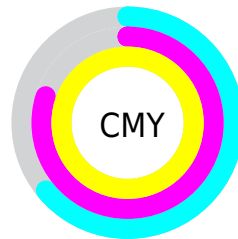


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (64%)



Cyan (64%)

Magenta (80%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B3200 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 5B3200 by changing the saturation by 10% instead.



 5B3200

 5B3200

 FFFFE6

 411D00

 926130

 280700

 AE7947

 000000

 CB9360

 E8AE79

 FFC993

 FFE5AE

 FFFFCA

 5B3200

■ 5B3609

■ 5B3A12

■ 5B3E1B

■ 5B4224

■ 5B462E

■ 5B4B37

■ 5B4F40

■ 5B5349

■ 5B5752

# Harmonies

## Analogous

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



6B251B



5B3200



433D00

# Triad

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



5B3200



004942



45316B

# Complementary

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



5B3200



00295B

# 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.



003D76



5B3200



00485E

# Square

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



5B3200



004824



004571



632353

# Rectangle

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



5B3200



304200



004571



353570



# Sweetspot

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



5B3200



756552



5B002A



3B3126



BABABA



3B3B3B



# Same Dimension

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



5B3200



754000



585B00



2E2C29



6E3C00



ED8200



# Inverse Universe

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



00295B



003575



03005B



292B2E



00316E

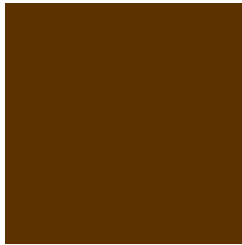


006BED



# Previews

## White Background



This preview shows how the Hex color 5B3200 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

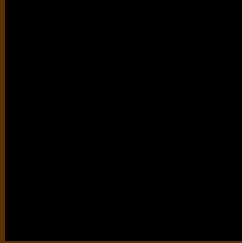
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B3200 Background



This preview shows how black text looks on a background with the Hex color 5B3200.



This preview shows how white text looks on a background with the Hex color 5B3200.

# 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**  
5B3200

**Protanopia**  
443D07

**Tritanopia**  
5D2E32

# Trichromacy



**Original Color**  
5B3200

**Protanomaly**  
4C3904

**Tritanomaly**  
5C2F20

# Monochromacy



**Original Color**  
5B3200

**Achromatopsia**  
393939

**Achromatomaly**  
453624

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B3200 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 #5B3200 looks like.

```
.text, #text, p{  
    color:#5B3200  
}
```

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 #5B3200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B3200
}
```

## Border

The CSS property to change the border of an element to Hex 5B3200 is called "border". The border property can be set on classes, ids or directly on the HTML element.

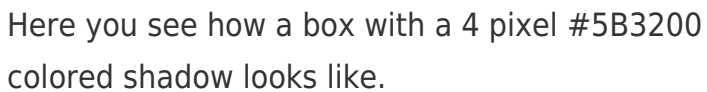
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B3200 }
```

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

```
.border{ border-color:#5B3200 }
```

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



Here you see how a box with a 4 pixel #5B3200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B3200; -webkit-box-shadow:4px 4px  
4px 4px #5B3200; box-shadow:4px 4px 4px  
4px #5B3200 }
```

# Background

The CSS property to change the background color of an element to Hex 5B3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B3200 }
```

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

```
.background{ background-color:#5B3200 }
```

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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