

Converting Colors

Hex(5A3120)

Have a look what the booklet for
Hex(5A3120) contains.

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Color

Hex(5A3120)

Conversions

Conversions Part 1

Format	Color
Hex	5A3120
RGB	90, 49, 32
RGB Percent	35%, 19%, 13%
CMY	0.6471, 0.8078, 0.8745
CMYK	0.00, 0.46, 0.64, 0.65
HSL	18°, 48%, 24%
HSV	18°, 64%, 35%
XYZ	5.5755, 4.4746, 1.9363
YIQ	59.3210, 29.8930, 3.4050

Conversions

Conversions Part 2

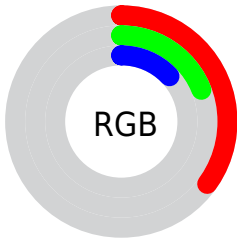
Format	Color
RYB	90, 56, 32
Decimal	5910816
CIELab	25.18, 16.77, 18.80
CIElCh	25, 25.190, 48.272
Yxy	4.4746, 0.4652, 0.3733
Android (android.graphics.Color)	4284100896 (0xFF5A3120)
YUV	59.3210, -13.4693, 26.9055
Hunter-Lab	21.1532, 10.0303, 9.3799

Details

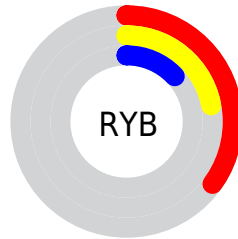
The Hex color **5A3120** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **20495A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **8F604C**, and **290500** is the 20% darker color. If you saturate the color by 10%, you get **5A2B17**, and if you desaturate by 10%, it is **5A3729**.

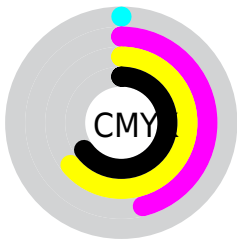
Distribution



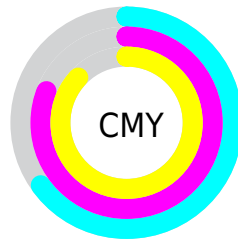
- Red (35%)
- Green (19%)
- Blue (13%)



- Red (35%)
- Yellow (22%)
- Blue (13%)



- Cyan (0%)
- Magenta (46%)
- Yellow (64%)
- Black (65%)



- Cyan (65%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A3120 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 5A3120 by changing the saturation by 10% instead.

 5A3120

 5A3120

FFFFFF

 411B0A

 8F604C

 290500

 AA7964

 000000

 C6937E

 E3AD97

 FFC9B2

 FFE5CE

 FFFFEA

 5A3120

 5A3120

■ 5A2B17

■ 5A3729

■ 5A240E

■ 5A3E32

■ 5A1E05

■ 5A443B

■ 5A1A00

■ 5A4A44

■ 5A514D

■ 5A5756

■ 5A5E5F

■ 5A6468

■ 5A6A71

Harmonies

Analogous

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



5F2C31



5A3120



4D3816

Triad

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



5A3120



004533



313A60

Complementary

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



5A3120



20495A

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.



004061



5A3120



004547

Square

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



5A3120



254321



004458



4C3255

Rectangle

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



5A3120



423C14



004458



243C61

Sweetspot

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



5A3120



75665F



5A204A



3B312D



BABABA



3B3B3B

Same Dimension

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



5A3120



75351B



5A4D20



2E2B29



6E2000



ED4600

Inverse Universe

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



20495A



1B5B75



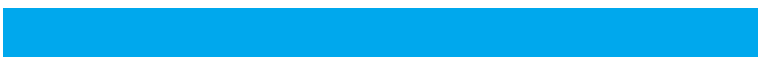
202D5A



292D2E



004E6E



00A8ED

Previews

White Background



This preview shows how the Hex color 5A3120 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

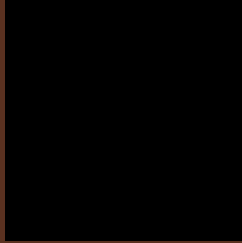
Any Text WCAG AA × Fail

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 5A3120 Background



This preview shows how black text looks on a background with the Hex color 5A3120.

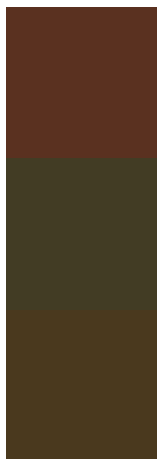


This preview shows how white text looks on a background with the Hex color 5A3120.

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
5A3120

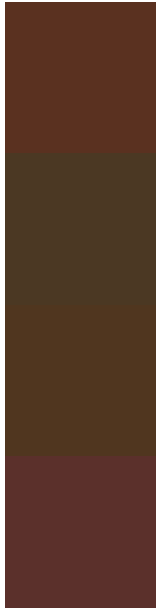
Protanopia
423C24

Deuteranopia
4A391E



Tritanopia
5B2F32

Trichromacy



Original Color
5A3120

Protanomaly
4B3823

Deuteranomaly
50361F

Tritanomaly
5B302B

Monochromacy



Original Color
5A3120

Achromatopsia
3B3B3B

Achromatomaly
463731

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A3120 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 #5A3120 looks like.

```
.text, #text, p{  
    color:#5A3120  
}
```

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 #5A3120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A3120
}
```

Border

The CSS property to change the border of an element to Hex 5A3120 is called "border". The border property can be set on classes, ids or directly on the HTML element.

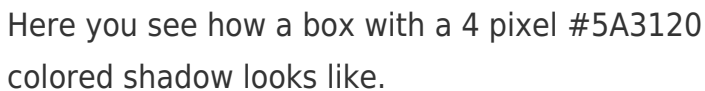
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A3120 }
```

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

```
.border{ border-color:#5A3120 }
```

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



Here you see how a box with a 4 pixel #5A3120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A3120; -webkit-box-shadow:4px 4px  
4px 4px #5A3120; box-shadow:4px 4px 4px  
4px #5A3120 }
```

Background

The CSS property to change the background color of an element to Hex 5A3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A3120 }
```

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

```
.background{ background-color:#5A3120 }
```

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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