

Converting Colors

Hex(5A2610)

Have a look what the booklet for
Hex(5A2610) contains.

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Color

Hex(5A2610)

Conversions

Conversions Part 1

Format	Color
Hex	5A2610
RGB	90, 38, 16
RGB Percent	35%, 15%, 6%
CMY	0.6471, 0.8510, 0.9373
CMYK	0.00, 0.58, 0.82, 0.65
HSL	18°, 70%, 21%
HSV	18°, 82%, 35%
XYZ	5.0031, 3.5973, 0.9209
YIQ	51.0400, 38.0540, 4.1820

Conversions

Conversions Part 2

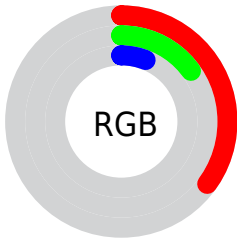
Format	Color
RYB	90, 47, 16
Decimal	5907984
CIELab	22.29, 22.33, 25.26
CIElCh	22, 33.719, 48.527
Yxy	3.5973, 0.5255, 0.3778
Android (android.graphics.Color)	4284098064 (0xFF5A2610)
YUV	51.0400, -17.2747, 34.1679
Hunter-Lab	18.9665, 13.8942, 10.3979

Details

The Hex color **5A2610** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **10445A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **90543B**, and **280000** is the 20% darker color. If you saturate the color by 10%, you get **5A2007**, and if you desaturate by 10%, it is **5A2C19**.

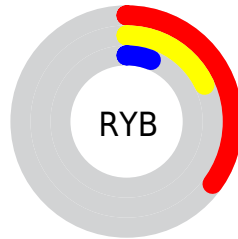
Distribution



Red (35%)

Green (15%)

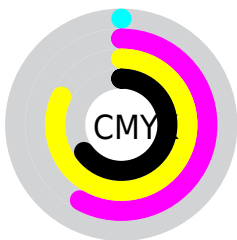
Blue (6%)



Red (35%)

Yellow (18%)

Blue (6%)

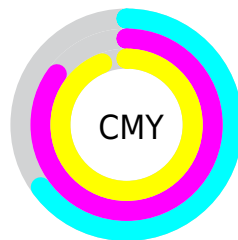


Cyan (0%)

Magenta (58%)

Yellow (82%)

Black (65%)



Cyan (65%)

Magenta (85%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A2610 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 5A2610 by changing the saturation by 10% instead.

 5A2610

 5A2610

 FFFFF2

 401000

 90543B

 280000

 AD6D53

 000000

 C9876B

 E6A184

 FFBC9F

 FFD8BA

 FFF5D5

 5A2610

 5A2610

■ 5A2007

■ 5A2C19

■ 5A1B00

■ 5A3322

■ 5A392B

■ 5A3F34

■ 5A463D

■ 5A4C46

■ 5A524F

■ 5A5958

■ 5A5F61

Harmonies

Analogous

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



621D27



5A2610



4A3100

Triad

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



5A2610



00402B



203365

Complementary

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



5A2610



10445A

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.



003B66



5A2610



004145

Square

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



5A2610



133E11



003F5A



4A2757

Rectangle

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



5A2610



3B3600



003F5A



003667

Sweetspot

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



5A2610



756158



5A1045



3B2E29



BABABA



3B3B3B

Same Dimension

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



5A2610



752401



5A4A10



2E2B29



6E2100



ED4700

Inverse Universe

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



10445A



015375



10205A



292D2E



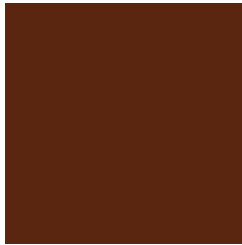
004D6E



00A7ED

Previews

White Background



This preview shows how the Hex color 5A2610 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 5A2610 Background



This preview shows how black text looks on a background with the Hex color 5A2610.

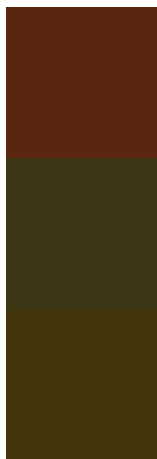


This preview shows how white text looks on a background with the Hex color 5A2610.

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
5A2610

Protanopia
3D3614

Deuteranopia
44340B



Tritanopia
5B2426

Trichromacy



Original Color
5A2610

Protanomaly
483013

Deuteranomaly
4C2F0D

Tritanomaly
5B251E

Monochromacy



Original Color
5A2610

Achromatopsia
333333

Achromatomaly
412E26

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A2610 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 #5A2610 looks like.

```
.text, #text, p{  
    color:#5A2610  
}
```

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 #5A2610 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A2610  
}
```

Border

The CSS property to change the border of an element to Hex 5A2610 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  
#5A2610 }
```

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

```
.border{ border-color:#5A2610 }
```

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

Here you see how a box with a 4 pixel #5A2610 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A2610; -webkit-box-shadow:4px 4px  
4px 4px #5A2610; box-shadow:4px 4px 4px  
4px #5A2610 }
```

Background

The CSS property to change the background color of an element to Hex 5A2610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A2610 }
```

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

```
.background{ background-color:#5A2610 }
```

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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