

Converting Colors

Hex(5B2012)

Have a look what the booklet for
Hex(5B2012) contains.

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Color

Hex(5B2012)

Conversions

Conversions Part 1

Format	Color
Hex	5B2012
RGB	91, 32, 18
RGB Percent	36%, 13%, 7%
CMY	0.6431, 0.8745, 0.9294
CMYK	0.00, 0.65, 0.80, 0.64
HSL	12°, 67%, 21%
HSV	12°, 80%, 36%
XYZ	4.9401, 3.3008, 0.9490
YIQ	48.0450, 39.6580, 8.1540

Conversions

Conversions Part 2

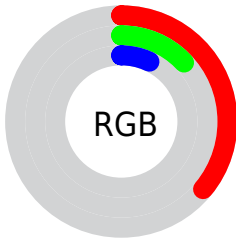
Format	Color
RYB	91, 35, 18
Decimal	5971986
CIELab	21.21, 26.21, 23.00
CIElCh	21, 34.864, 41.267
Yxy	3.3008, 0.5376, 0.3592
Android (android.graphics.Color)	4284162066 (0xFF5B2012)
YUV	48.0450, -14.8122, 37.6715
Hunter-Lab	18.1682, 16.7411, 9.6207

Details

The Hex color **5B2012** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **124D5B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **924F3D**, and **2A0001** is the 20% darker color. If you saturate the color by 10%, you get **5B1909**, and if you desaturate by 10%, it is **5B271B**.

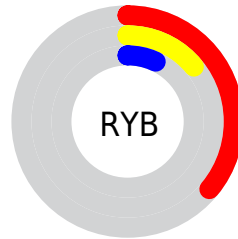
Distribution



Red (36%)

Green (13%)

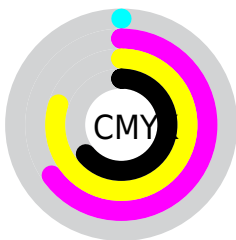
Blue (7%)



Red (36%)

Yellow (14%)

Blue (7%)

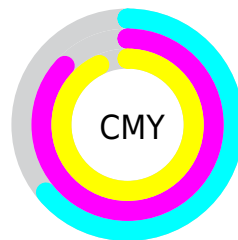


Cyan (0%)

Magenta (65%)

Yellow (80%)

Black (64%)



Cyan (64%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B2012 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 5B2012 by changing the saturation by 10% instead.

 5B2012

 5B2012

 FFFFF3

 410800

 924F3D

 2A0001

 AE6854

 000000

 CB816D

 E89B86

 FFB7A0

 FFD2BB

 FFEFD7

 5B2012

 5B2012

■ 5B1909

■ 5B271B

■ 5B1100

■ 5B2F24

■ 5B362D

■ 5B3D36

■ 5B4540

■ 5B4C49

■ 5B5352

■ 5B5B5B

■ 5B6264

Harmonies

Analogous

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



60172A



5B2012



4C2C00

Triad

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



5B2012



003E21



003366

Complementary

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



5B2012



124D5B

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.



003A64



5B2012



003F3C

Square

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



5B2012



193B07



003E54



40275A

Rectangle

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



5B2012



3E3200



003E54



003667

Sweetspot

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



5B2012



755F59



5B124E



3B2D2A



BABABA



3B3B3B

Same Dimension

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



5B2012



751A05



5B4412



2E2A29



6E1500



ED2D00

Inverse Universe

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



124D5B



056075



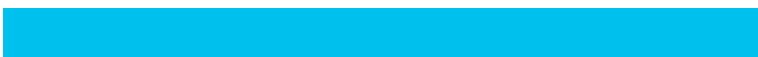
12295B



292D2E



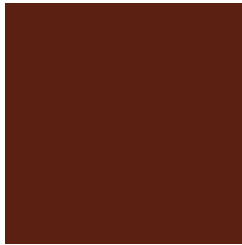
00596E



00C0ED

Previews

White Background



This preview shows how the Hex color 5B2012 looks on a white background.

Color Contrast Check

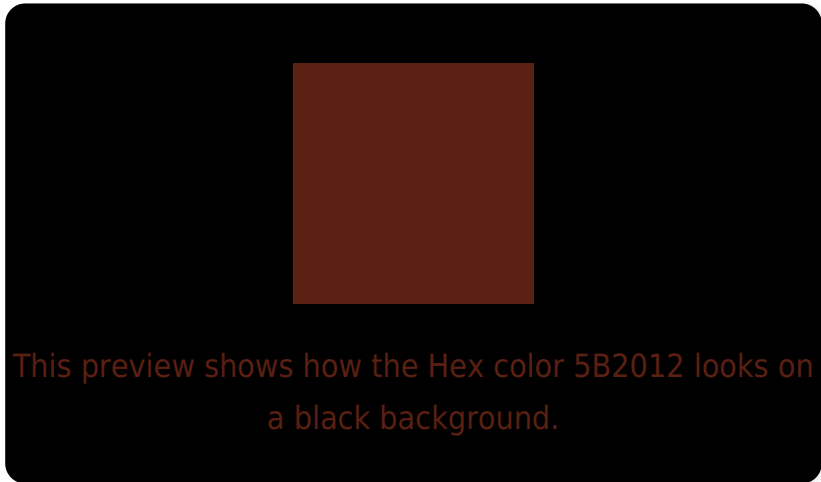
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B2012 Background



This preview shows how black text looks on a background with the Hex color 5B2012.

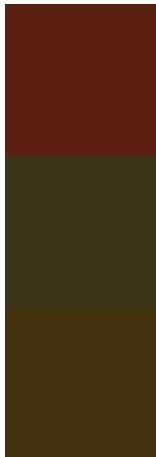


This preview shows how white text looks on a background with the Hex color 5B2012.

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
5B2012

Protanopia
3A3418

Deuteranopia
42320D

Trichromacy



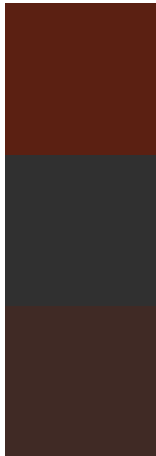
Original Color
5B2012

Protanomaly
462D16

Deuteranomaly
4B2B0F

Tritanomaly
5B1F1B

Monochromacy



Original Color
5B2012

Achromatopsia
303030

Achromatomaly
402A25

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B2012 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 #5B2012 looks like.

```
.text, #text, p{  
    color:#5B2012  
}
```

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 #5B2012 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B2012
}
```

Border

The CSS property to change the border of an element to Hex 5B2012 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".

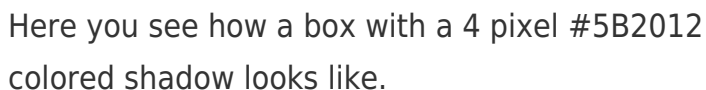
```
.border, #border, table{ border:4px solid
#5B2012 }
```

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

```
.border{ border-color:#5B2012 }
```

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

Here you see how a box with a 4 pixel #5B2012 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B2012; -webkit-box-shadow:4px 4px  
4px 4px #5B2012; box-shadow:4px 4px 4px  
4px #5B2012 }
```

Background

The CSS property to change the background color of an element to Hex 5B2012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B2012 }
```

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

```
.background{ background-color:#5B2012 }
```

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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