

Converting Colors

Hex(5B6230)

Have a look what the booklet for
Hex(5B6230) contains.

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Color

Hex(5B6230)

Conversions

Conversions Part 1

Format	Color
Hex	5B6230
RGB	91, 98, 48
RGB Percent	36%, 38%, 19%
CMY	0.6431, 0.6157, 0.8118
CMYK	0.07, 0.00, 0.51, 0.62
HSL	68°, 34%, 29%
HSV	68°, 51%, 38%
XYZ	9.2156, 11.1729, 4.4672
YIQ	90.2070, 11.8780, -17.0340

Conversions

Conversions Part 2

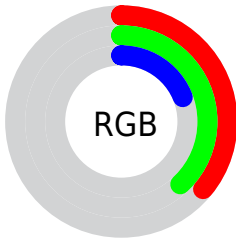
Format	Color
R _Y B	48, 98, 55
Decimal	5988912
CIE Lab	39.87, -11.12, 27.35
CIE LCh	40, 29.522, 112.123
Yxy	11.1729, 0.3708, 0.4495
Android (android.graphics.Color)	4284178992 (0xFF5B6230)
YUV	90.2070, -20.8081, 0.6955
Hunter-Lab	33.4259, -9.2826, 15.4744

Details

The Hex color **5B6230** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **373062**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8E955F**, and **2C3401** is the 20% darker color. If you saturate the color by 10%, you get **5A6226**, and if you desaturate by 10%, it is **5C623A**.

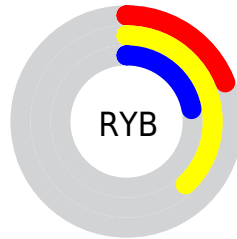
Distribution



Red (36%)

Green (38%)

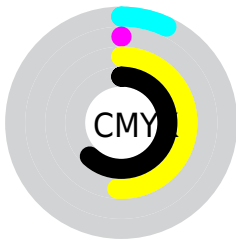
Blue (19%)



Red (19%)

Yellow (38%)

Blue (22%)

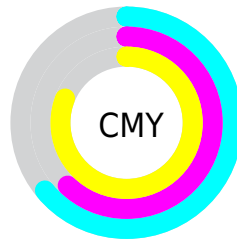


Cyan (7%)

Magenta (0%)

Yellow (51%)

Black (62%)



Cyan (64%)

Magenta (62%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6230 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 5B6230 by changing the saturation by 10% instead.

 5B6230

 5B6230

FFFFFF

 434A1A

 8E955F

 2C3401

 A9AF79

 161F00

 C5CB93

 000000

 E1E7AD

 FEFFC9

 FFFF E5

 5B6230

 5B6230

 5A6226

 5C623A

■ 58621C

■ 5E6244

■ 576213

■ 5F624D

■ 566209

■ 606257

■ 546200

■ 626261

■ 63626B

■ 656275

■ 66627E

■ 676288

Harmonies

Analogous

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



725A2E



5B6230



3F673F

Triad

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



5B6230



006883



884B65

Complementary

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



5B6230



373062

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.



76517C



5B6230



28628D

Square

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



5B6230



006A6F



565A8A



8C4B4D

Rectangle

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



5B6230



27694E



565A8A



834C6D

Sweetspot

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



5B6230



7D806C



623730



3E4034



BFBFBF



404040

Same Dimension

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



5B6230



758032



426230



30302C



607000



CEF000

Inverse Universe

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



373062



3D3280



503062



2C2C30



100070



2200F0

Previews

White Background



This preview shows how the Hex color 5B6230 looks on a white background.

Color Contrast Check

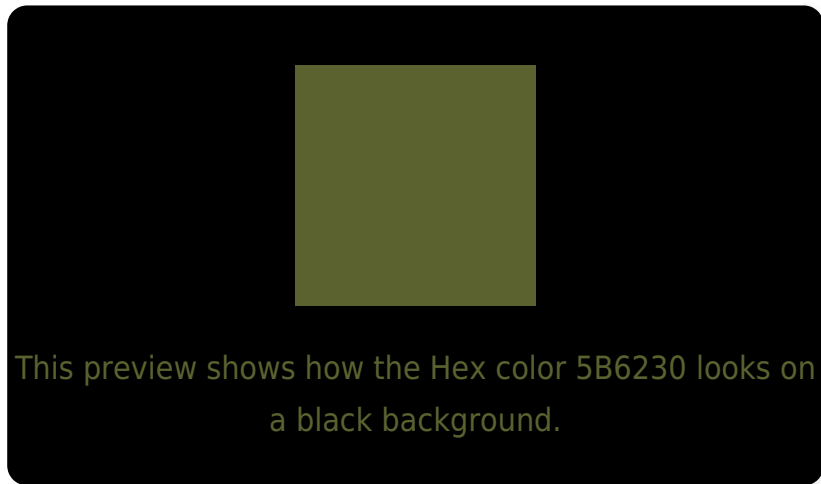
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

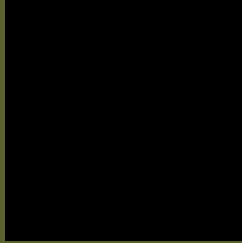
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

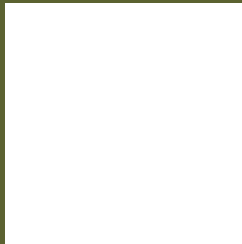
Any Text WCAG AAA × Fail

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

Hex 5B6230 Background



This preview shows how black text looks on a background with the Hex color 5B6230.



This preview shows how white text looks on a background with the Hex color 5B6230.

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
5B6230

Protanopia
685E2F

Deuteranopia
735932



Tritanopia
615C64

Trichromacy



Original Color
5B6230

Protanomaly
635F2F

Deuteranomaly
6A5C31

Tritanomaly
5F5E51

Monochromacy



Original Color
5B6230

Achromatopsia
5A5A5A

Achromatomaly
5A5D4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6230 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 #5B6230 looks like.

```
.text, #text, p{  
    color:#5B6230  
}
```

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 #5B6230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6230
}
```

Border

The CSS property to change the border of an element to Hex 5B6230 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
#5B6230 }
```

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

```
.border{ border-color:#5B6230 }
```

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

Here you see how a box with a 4 pixel #5B6230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6230; -webkit-box-shadow:4px 4px  
4px 4px #5B6230; box-shadow:4px 4px 4px  
4px #5B6230 }
```

Background

The CSS property to change the background color of an element to Hex 5B6230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6230 }
```

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

```
.background{ background-color:#5B6230 }
```

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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