

Converting Colors

Hex(5B6531)

Have a look what the booklet for
Hex(5B6531) contains.

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Color

Hex(5B6531)

Conversions

Conversions Part 1

Format	Color
Hex	5B6531
RGB	91, 101, 49
RGB Percent	36%, 40%, 19%
CMY	0.6431, 0.6039, 0.8078
CMYK	0.10, 0.00, 0.51, 0.60
HSL	72°, 35%, 29%
HSV	72°, 51%, 40%
XYZ	9.5224, 11.7533, 4.6724
YIQ	92.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

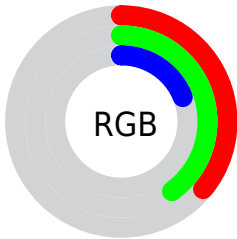
Format	Color
RYB	49, 101, 59
Decimal	5989681
CIELab	40.82, -12.70, 27.95
CIELCh	41, 30.696, 114.431
Yxy	11.7533, 0.3670, 0.4530
Android (android.graphics.Color)	4284179761 (0xFF5B6531)
YUV	92.0820, -21.2394, -0.9489
Hunter-Lab	34.2830, -10.4152, 15.9175

Details

The Hex color **5B6531** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **3B3165**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8E9861**, and **2C3602** is the 20% darker color. If you saturate the color by 10%, you get **596527**, and if you desaturate by 10%, it is **5D653B**.

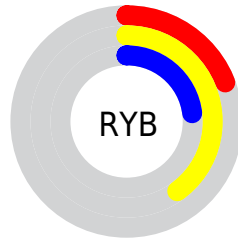
Distribution



Red (36%)

Green (40%)

Blue (19%)



Red (19%)

Yellow (40%)

Blue (23%)

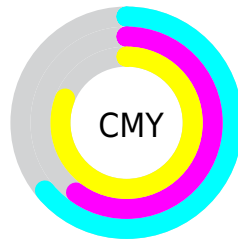


Cyan (10%)

Magenta (0%)

Yellow (51%)

Black (60%)



Cyan (64%)

Magenta (60%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6531 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 5B6531 by changing the saturation by 10% instead.

 5B6531

 5B6531

FFFFFF

 434D1A

 8E9861

 2C3602

 A9B37A

 162100

 C5CE94

 000600

 E1EAAF

 000000

 FEFFCA

 FFFFE7

 5B6531

 5B6531

 596527

 5D653B

■ 57651D

■ 5F6545

■ 556513

■ 61654F

■ 536509

■ 636559

■ 526500

■ 656564

■ 67656E

■ 696578

■ 6B6582

■ 6C658C

Harmonies

Analogous

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



745D2D



5B6531



3D6A42

Triad

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



5B6531



006A89



8D4C66

Complementary

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



5B6531



3B3165

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.



7B527E



5B6531



2B6492

Square

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



5B6531



006D74



5B5B8E



904D4D

Rectangle

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



5B6531



226C52



5B5B8E



884D6E

Sweetspot

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



5B6531



7E826F



653B31



404236



C2C2C2



424242

Same Dimension

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



5B6531



738231



416531



32332E



5D7300



C4F200

Inverse Universe

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



3B3165



413182



553165



2F2E33



160073



2F00F2

Previews

White Background



This preview shows how the Hex color 5B6531 looks on a white background.

Color Contrast Check

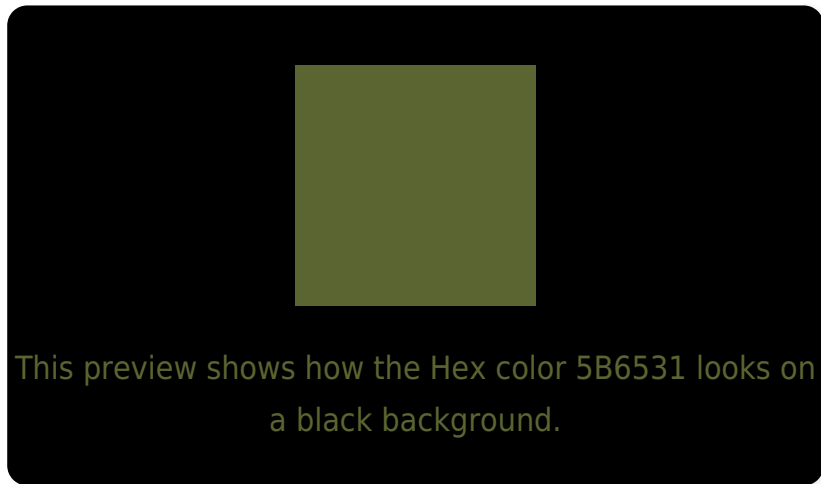
Large Text (above 18pt) WCAG AA ✓ Pass

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

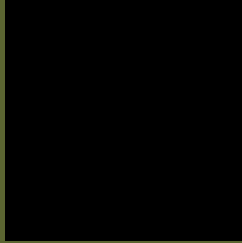
Any Text WCAG AA × Fail

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 5B6531 Background



This preview shows how black text looks on a background with the Hex color 5B6531.



This preview shows how white text looks on a background with the Hex color 5B6531.

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
5B6531

Protanopia
6A602F

Deuteranopia
765C33



Tritanopia
615F67

Trichromacy



Original Color
5B6531

Protanomaly
656230

Deuteranomaly
6C5F32

Tritanomaly
5F6153

Monochromacy



Original Color
5B6531

Achromatopsia
5C5C5C

Achromatomaly
5C5F4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6531 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 #5B6531 looks like.

```
.text, #text, p{  
    color:#5B6531  
}
```

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 #5B6531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6531
}
```

Border

The CSS property to change the border of an element to Hex 5B6531 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
#5B6531 }
```

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

```
.border{ border-color:#5B6531 }
```

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

Here you see how a box with a 4 pixel #5B6531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6531; -webkit-box-shadow:4px 4px  
4px 4px #5B6531; box-shadow:4px 4px 4px  
4px #5B6531 }
```

Background

The CSS property to change the background color of an element to Hex 5B6531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6531 }
```

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

```
.background{ background-color:#5B6531 }
```

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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