

Converting Colors

Hex(5B6228)

Have a look what the booklet for
Hex(5B6228) contains.

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Color

Hex(5B6228)

Conversions

Conversions Part 1

Format	Color
Hex	5B6228
RGB	91, 98, 40
RGB Percent	36%, 38%, 16%
CMY	0.6431, 0.6157, 0.8431
CMYK	0.07, 0.00, 0.59, 0.62
HSL	67°, 42%, 27%
HSV	67°, 59%, 38%
XYZ	9.0651, 11.1127, 3.6747
YIQ	89.2950, 14.4460, -19.5220

Conversions

Conversions Part 2

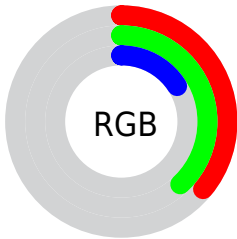
Format	Color
R_{YB}	40, 98, 47
Decimal	5988904
CIE _{Lab}	39.77, -11.94, 31.52
CIE _{LCh}	40, 33.709, 110.749
Yxy	11.1127, 0.3800, 0.4659
Android (android.graphics.Color)	4284178984 (0xFF5B6228)
YUV	89.2950, -24.3024, 1.4953
Hunter-Lab	33.3357, -9.7976, 16.7993

Details

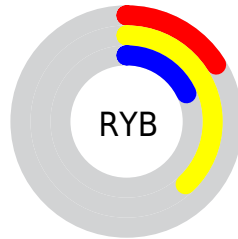
The Hex color **5B6228** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2F2862**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8F9557**, and **2C3400** is the 20% darker color. If you saturate the color by 10%, you get **5A621E**, and if you desaturate by 10%, it is **5C6232**.

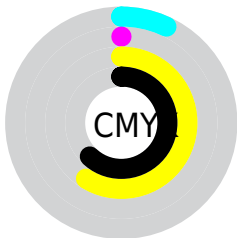
Distribution



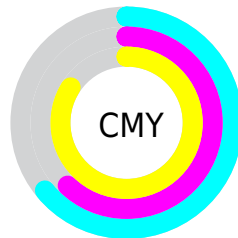
- Red (36%)
- Green (38%)
- Blue (16%)



- Red (16%)
- Yellow (38%)
- Blue (18%)



- Cyan (7%)
- Magenta (0%)
- Yellow (59%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6228 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 5B6228 by changing the saturation by 10% instead.



5B6228



5B6228

FFFFFF



424A11



8F9557



2C3400



AAAF70



141F00



C5CB8A



000000



E2E7A5



FFFFC0



FFFDC0



FFFFF9



5B6228



5B6228

■ 5A621E

■ 5C6232

■ 596214

■ 5D623C

■ 57620B

■ 5F6245

■ 566201

■ 60624F

■ 566200

■ 616259

■ 626263

■ 63626D

■ 646276

■ 666280

Harmonies

Analogous

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



755926



5B6228



3B683A

Triad

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



5B6228



006988



8C4767

Complementary

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



5B6228



2F2862

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.



774F81



5B6228



066394

Square

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



5B6228



006B70



525A91



91474C

Rectangle

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



5B6228



1B6A4B



525A91



874970

Sweetspot

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



5B6228



7D8069



622F28



3E4032



BFBFBF



404040

Same Dimension

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



5B6228



758025



3E6228



30302C



637000



D3F000

Inverse Universe

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



2F2862



302580



4C2862



2C2C30



0E0070



1D00F0

Previews

White Background



This preview shows how the Hex color 5B6228 looks on a white background.

Color Contrast Check

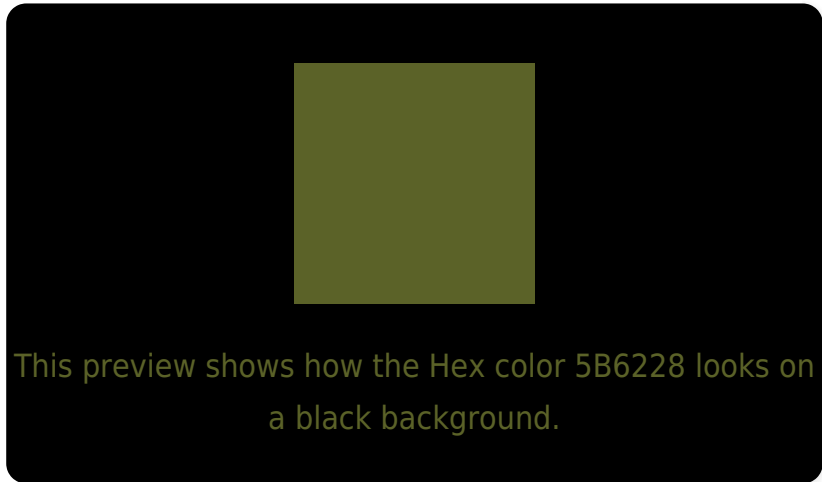
Large Text (above 18pt) WCAG AA ✓ Pass

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

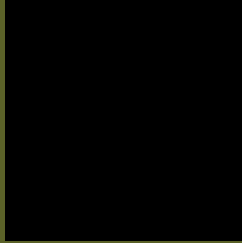
Any Text WCAG AA × Fail

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 5B6228 Background



This preview shows how black text looks on a background with the Hex color 5B6228.



This preview shows how white text looks on a background with the Hex color 5B6228.

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
5B6228

Protanopia
685E27

Deuteranopia
74592B



Tritanopia
615C63

Trichromacy



Original Color
5B6228

Protanomaly
635F27

Deuteranomaly
6B5C2A

Tritanomaly
5F5E4E

Monochromacy



Original Color
5B6228

Achromatopsia
595959

Achromatomaly
5A5C47

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6228 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 #5B6228 looks like.

```
.text, #text, p{  
    color:#5B6228  
}
```

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 #5B6228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6228
}
```

Border

The CSS property to change the border of an element to Hex 5B6228 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
#5B6228 }
```

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

```
.border{ border-color:#5B6228 }
```

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

Here you see how a box with a 4 pixel #5B6228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6228; -webkit-box-shadow:4px 4px  
4px 4px #5B6228; box-shadow:4px 4px 4px  
4px #5B6228 }
```

Background

The CSS property to change the background color of an element to Hex 5B6228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6228 }
```

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

```
.background{ background-color:#5B6228 }
```

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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