

Converting Colors

Hex(6B8323)

Have a look what the booklet for
Hex(6B8323) contains.

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Color

Hex(6B8323)

Conversions

Conversions Part 1

Format	Color
Hex	6B8323
RGB	107, 131, 35
RGB Percent	42%, 51%, 14%
CMY	0.5804, 0.4863, 0.8627
CMYK	0.18, 0.00, 0.73, 0.49
HSL	75°, 58%, 33%
HSV	75°, 73%, 51%
XYZ	14.4831, 19.4797, 4.5867
YIQ	112.8800, 16.5120, -34.9440

Conversions

Conversions Part 2

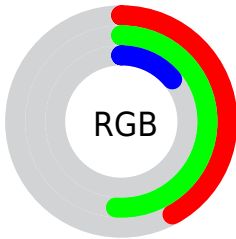
Format	Color
RYB	35, 131, 59
Decimal	7045923
CIELab	51.24, -22.78, 46.35
CIELCh	51, 51.645, 116.177
Yxy	19.4797, 0.3757, 0.5053
Android (android.graphics.Color)	4285236003 (0xFF6B8323)
YUV	112.8800, -38.3948, -5.1568
Hunter-Lab	44.1359, -18.6634, 24.7335

Details

The Hex color **6B8323** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3B2383**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A1B856**, and **385200** is the 20% darker color. If you saturate the color by 10%, you get **688316**, and if you desaturate by 10%, it is **6E8330**.

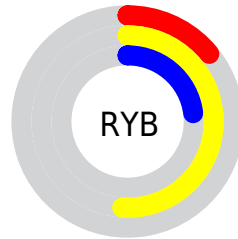
Distribution



Red (42%)

Green (51%)

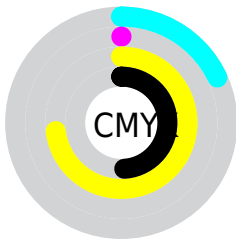
Blue (14%)



Red (14%)

Yellow (51%)

Blue (23%)

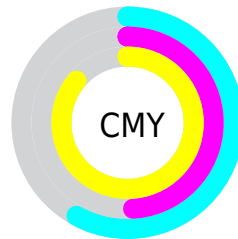


Cyan (18%)

Magenta (0%)

Yellow (73%)

Black (49%)



Cyan (58%)

Magenta (49%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6B8323 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 6B8323 by changing the saturation by 10% instead.



6B8323



6B8323

FFFFFF



516A03



A1B856



385200



BDD470



1F3A00



D9F08B



012500



F6FFA6



000900



FFFFC2



000000



FFFFDE



FFFFFB



6B8323



6B8323

■ 688316

■ 6E8330

■ 648309

■ 72833D

■ 628300

■ 75834A

■ 788357

■ 7B8365

■ 7F8372

■ 82837F

■ 85838C

■ 888399

Harmonies

Analogous

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



967618



6B8323



2D8B46

Triad

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



6B8323



008BC3



C65182

Complementary

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



6B8323



3B2383

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.



AA5EAC



6B8323



0081D2

Square

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



6B8323



008FA0



7071CA



C95556

Rectangle

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



6B8323



008E63



7071CA



C05490

Sweetspot

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



6B8323



A1AB85



833B23



515740



D6D6D6



575757

Same Dimension

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



6B8323



85AB15



3B8323



41423C



628200



020300

Inverse Universe

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



3B2383



3A15AB



6B2383



3D3C42



210082



010003

Previews

White Background



This preview shows how the Hex color 6B8323 looks on a white background.

Color Contrast Check

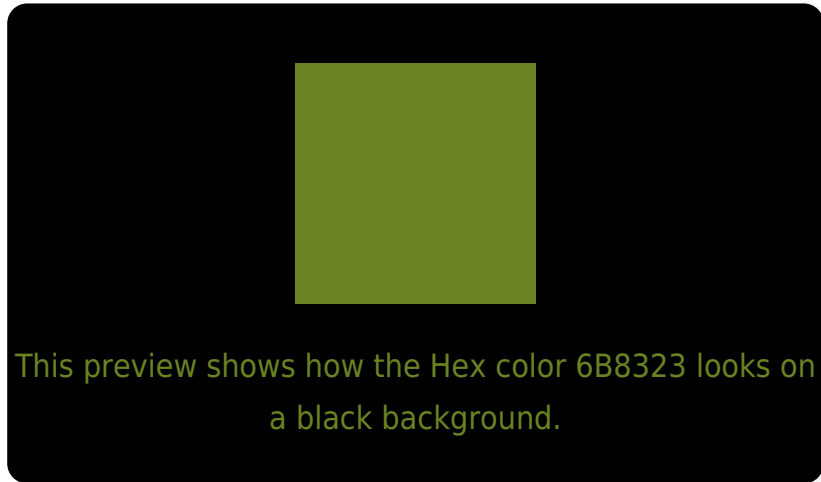
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

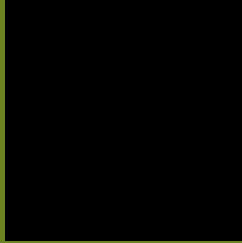
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6B8323 Background



This preview shows how black text looks on a background with the Hex color 6B8323.



This preview shows how white text looks on a background with the Hex color 6B8323.

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
6B8323

Protanopia
897A21

Deuteranopia
987429

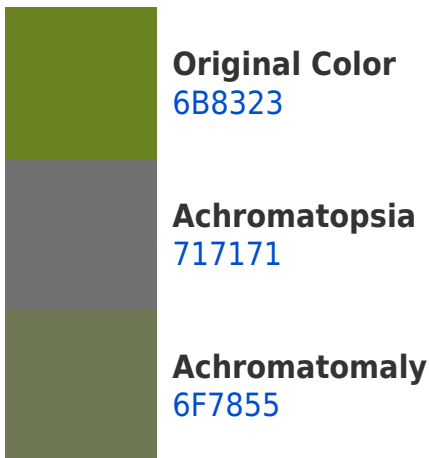


Tritanopia
757A84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6B8323 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 #6B8323 looks like.

```
.text, #text, p{  
    color:#6B8323  
}
```

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 #6B8323 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6B8323
}
```

Border

The CSS property to change the border of an element to Hex 6B8323 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
#6B8323 }
```

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

```
.border{ border-color:#6B8323 }
```

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

Here you see how a box with a 4 pixel #6B8323 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6B8323; -webkit-box-shadow:4px 4px  
4px 4px #6B8323; box-shadow:4px 4px 4px  
4px #6B8323 }
```

Background

The CSS property to change the background color of an element to Hex 6B8323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6B8323 }
```

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

```
.background{ background-color:#6B8323 }
```

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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