

Converting Colors

Hex(6BA238)

Have a look what the booklet for
Hex(6BA238) contains.

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Color

Hex(6BA238)

Conversions

Conversions Part 1

Format	Color
Hex	6BA238
RGB	107, 162, 56
RGB Percent	42%, 64%, 22%
CMY	0.5804, 0.3647, 0.7804
CMYK	0.34, 0.00, 0.65, 0.36
HSL	91°, 49%, 43%
HSV	91°, 65%, 64%
XYZ	19.6975, 29.2520, 8.3494
YIQ	133.4710, 1.2460, -44.6260

Conversions

Conversions Part 2

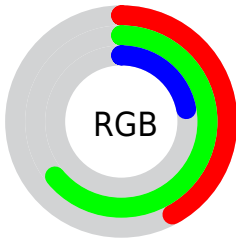
Format	Color
RYB	56, 162, 111
Decimal	7053880
CIELab	61.00, -36.02, 47.80
CIELCh	61, 59.850, 127.005
Yxy	29.2520, 0.3438, 0.5105
Android (android.graphics.Color)	4285243960 (0xFF6BA238)
YUV	133.4710, -38.1932, -23.2151
Hunter-Lab	54.0851, -29.6401, 28.7067

Details

The Hex color **6BA238** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6F38A2**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **A2D96C**, and **356E00** is the 20% darker color. If you saturate the color by 10%, you get **63A228**, and if you desaturate by 10%, it is **73A248**.

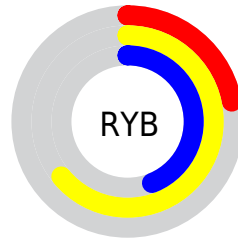
Distribution



Red (42%)

Green (64%)

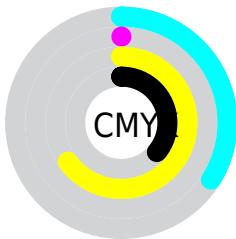
Blue (22%)



Red (22%)

Yellow (64%)

Blue (44%)

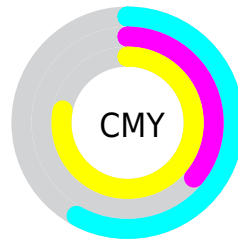


Cyan (34%)

Magenta (0%)

Yellow (65%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA238 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 6BA238 by changing the saturation by 10% instead.



6BA238



6BA238

FFFFFF



50881D



A2D96C



356E00



BEF686



195500



DBFFA2



003D00



F8FFBD



002800



FFFFDA



000700



FFFFF7



000000



6BA238



6BA238



63A228



73A248

■ 5AA218

■ 7CA258

■ 52A207

■ 84A269

■ 4EA200

■ 8DA279

■ 95A289

■ 9DA299

■ A6A2A9

■ AEA2BA

■ B7A2CA

Harmonies

Analogous

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



A3951C



6BA238



00AA68

Triad

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



6BA238



00A4F4



F36189

Complementary

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



6BA238



6F38A2

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.



DD6ABE



6BA238



3195FC

Square

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



6BA238



00ABD2



A580E8



EC6C56

Rectangle

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



6BA238



00AC8C



A580E8



EF619B

Sweetspot

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



6BA238



BED4A9



A26F38



5E6B51



EBEBEB



6B6B6B

Same Dimension

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



6BA238



7DD42C



38A23A



4D5249



469100



091200

Inverse Universe

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



6F38A2



832CD4



A238A0



4E4952



4B0091



090012

Previews

White Background



This preview shows how the Hex color 6BA238 looks on a white background.

Color Contrast Check

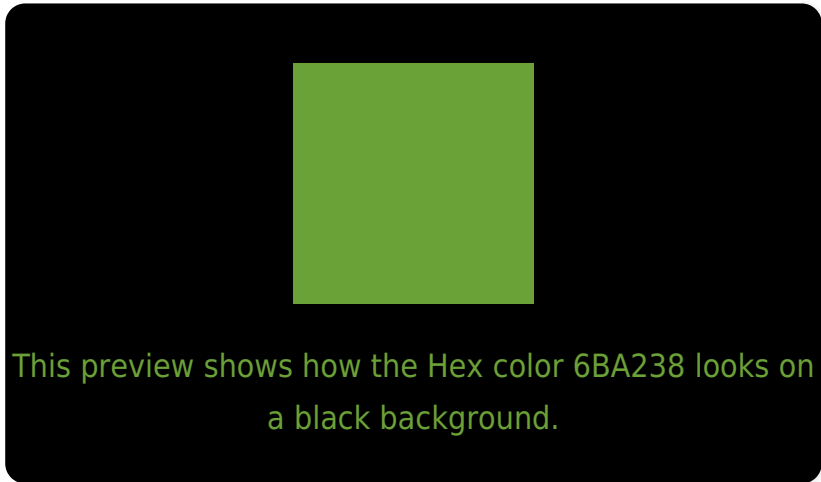
Large Text (above 18pt) WCAG AA ✓ Pass

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 6BA238 Background



This preview shows how black text looks on a background with the Hex color 6BA238.




This preview shows how white text looks on a background with the Hex color 6BA238.

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](#).

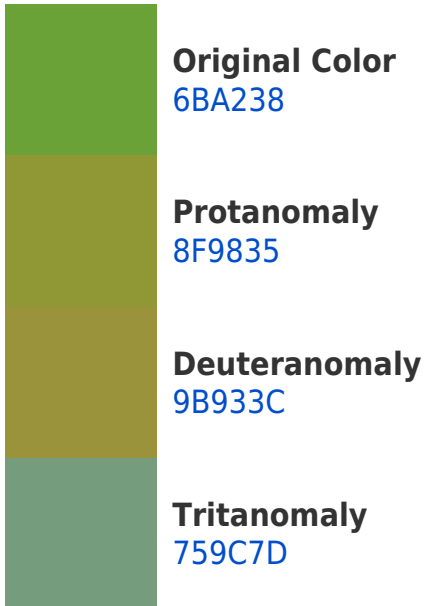
Dichromacy



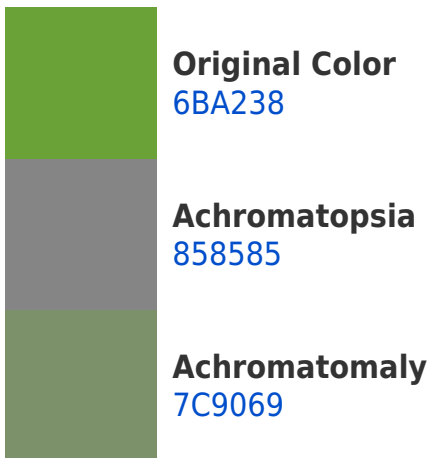


Tritanopia
7A98A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA238 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 #6BA238 looks like.

```
.text, #text, p{  
    color:#6BA238  
}
```

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 #6BA238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA238
}
```

Border

The CSS property to change the border of an element to Hex 6BA238 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
#6BA238 }
```

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

```
.border{ border-color:#6BA238 }
```

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

Here you see how a box with a 4 pixel #6BA238 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA238; -webkit-box-shadow:4px 4px  
4px 4px #6BA238; box-shadow:4px 4px 4px  
4px #6BA238 }
```

Background

The CSS property to change the background color of an element to Hex 6BA238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA238 }
```

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

```
.background{ background-color:#6BA238 }
```

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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