

Converting Colors

Hex(6BB258)

Have a look what the booklet for
Hex(6BB258) contains.

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Color

Hex(6BB258)

Conversions

Conversions Part 1

Format	Color
Hex	6BB258
RGB	107, 178, 88
RGB Percent	42%, 70%, 35%
CMY	0.5804, 0.3020, 0.6549
CMYK	0.40, 0.00, 0.51, 0.30
HSL	107°, 37%, 52%
HSV	107°, 51%, 70%
XYZ	23.7453, 35.6712, 14.8662
YIQ	146.5110, -13.4260, -43.0420

Conversions

Conversions Part 2

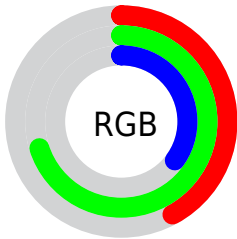
Format	Color
RYB	88, 178, 159
Decimal	7058008
CIELab	66.27, -39.70, 38.86
CIElCh	66, 55.547, 135.613
Yxy	35.6712, 0.3197, 0.4802
Android (android.graphics.Color)	4285248088 (0xFF6BB258)
YUV	146.5110, -28.8459, -34.6511
Hunter-Lab	59.7253, -33.5524, 27.0499

Details

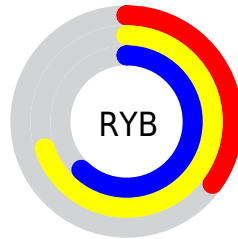
The Hex color **6BB258** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9F58B2**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **A2EA8C**, and **357D26** is the 20% darker color. If you saturate the color by 10%, you get **5DB246**, and if you desaturate by 10%, it is **79B26A**.

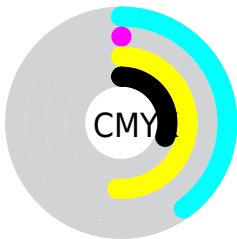
Distribution



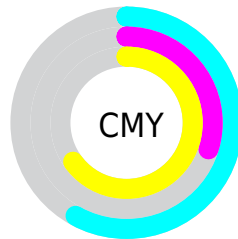
- Red (42%)
- Green (70%)
- Blue (35%)



- Red (35%)
- Yellow (70%)
- Blue (62%)



- Cyan (40%)
- Magenta (0%)
- Yellow (51%)
- Black (30%)



- Cyan (58%)
- Magenta (30%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BB258 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 6BB258 by changing the saturation by 10% instead.

 6BB258

 6BB258

FFFFFF

 50973F

 A2EA8C

 357D26

 BEFFA7

 16630B

 DBFFC2

 004B00

 F8FFDF

 003300

 FFFFFC

 001E00

 000000

 6BB258

 6BB258

 5DB246

 79B26A

 4FB234

 87B27C

 41B223

 95B28D

 33B211

 A3B29F

 26B200

 B1B2B1

 BFB2C3

 CDB2D5

 DBB2E6

 E9B2F8

Harmonies

Analogous

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



A4A73A



6BB258



00B887

Triad

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



6BB258



00ADFF



FE7689

Complementary

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



6BB258



9F58B2

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.



F078BB



6BB258



789DFF

Square

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



6BB258



00B7E7



C689E7



F1835C

Rectangle

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



6BB258



00BAA9



C689E7



FC749A

Sweetspot

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



6BB258



CDE8C5



B29F58



657560



F5F5F5



757575

Same Dimension

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



6BB258



78E85A



58B271



525950



209900



051A00

Inverse Universe

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



9F58B2



CA5AE8



B25899



575059



790099



14001A

Previews

White Background



This preview shows how the Hex color 6BB258 looks on a white background.

Color Contrast Check

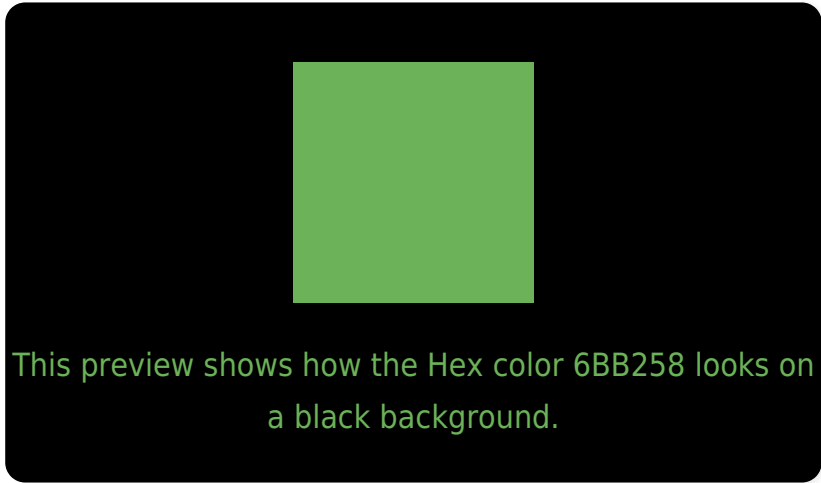
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Hex 6BB258 Background



This preview shows how black text looks on a background with the Hex color 6BB258.

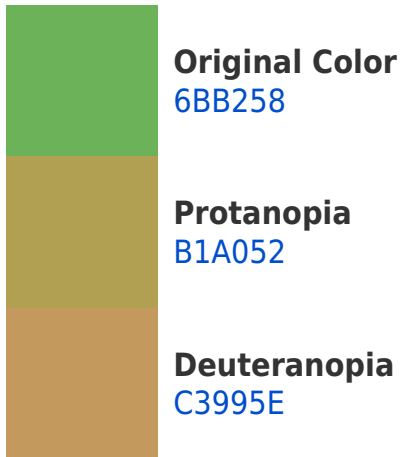


This preview shows how white text looks on a background with the Hex color 6BB258.

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](#).

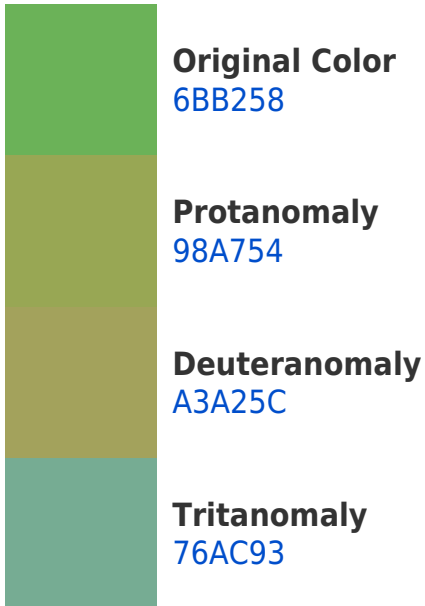
Dichromacy



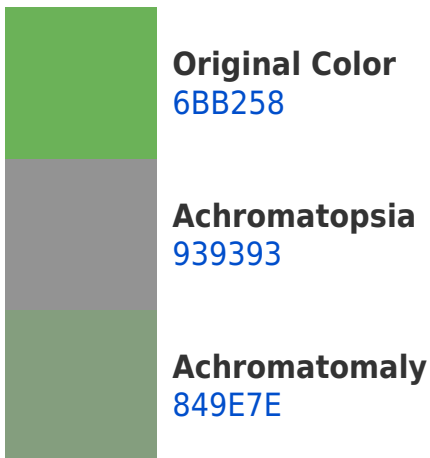


Tritanopia
7CA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BB258 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 #6BB258 looks like.

```
.text, #text, p{  
    color:#6BB258  
}
```

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 #6BB258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BB258
}
```

Border

The CSS property to change the border of an element to Hex 6BB258 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
#6BB258 }
```

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

```
.border{ border-color:#6BB258 }
```

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

Here you see how a box with a 4 pixel #6BB258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BB258; -webkit-box-shadow:4px 4px  
4px 4px #6BB258; box-shadow:4px 4px 4px  
4px #6BB258 }
```

Background

The CSS property to change the background color of an element to Hex 6BB258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BB258 }
```

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

```
.background{ background-color:#6BB258 }
```

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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