

Converting Colors

Hex(60B567)

Have a look what the booklet for
Hex(60B567) contains.

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Color

Hex(60B567)

Conversions

Conversions Part 1

Format	Color
Hex	60B567
RGB	96, 181, 103
RGB Percent	38%, 71%, 40%
CMY	0.6235, 0.2902, 0.5961
CMYK	0.47, 0.00, 0.43, 0.29
HSL	125°, 36%, 54%
HSV	125°, 47%, 71%
XYZ	23.7959, 36.5138, 18.6257
YIQ	146.6930, -25.6220, -42.2780

Conversions

Conversions Part 2

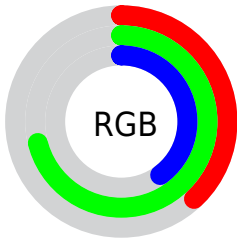
Format	Color
RYB	96, 175, 181
Decimal	6337895
CIELab	66.91, -42.24, 31.93
CIElCh	67, 52.950, 142.919
Yxy	36.5138, 0.3015, 0.4626
Android (android.graphics.Color)	4284527975 (0xFF60B567)
YUV	146.6930, -21.5406, -44.4578
Hunter-Lab	60.4267, -35.4536, 24.0234

Details

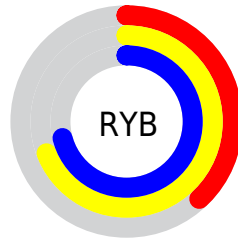
The Hex color **60B567** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B560AE**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **97ED9B**, and **277F36** is the 20% darker color. If you saturate the color by 10%, you get **4EB556**, and if you desaturate by 10%, it is **72B578**.

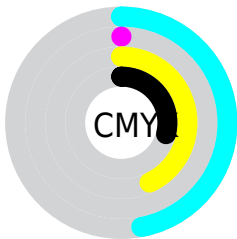
Distribution



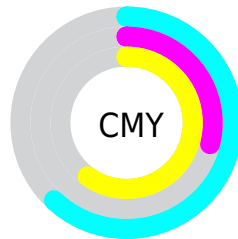
- Red (38%)
- Green (71%)
- Blue (40%)



- Red (38%)
- Yellow (69%)
- Blue (71%)



- Cyan (47%)
- Magenta (0%)
- Yellow (43%)
- Black (29%)



- Cyan (62%)
- Magenta (29%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 60B567 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 60B567 by changing the saturation by 10% instead.

 60B567

 60B567


FFFFFF

 449A4E

 97ED9B

 277F36

 B3FFB6

 00661F

 D0FFD2

 004D05

 EDFFEF

 003500

 002000

 000000

 60B567

 60B567

 4EB556

 72B578

 3CB546

 84B588

 2AB535

 96B599

 18B525

 A8B5A9

 05B514

 BBB5BA

 00B50F

 CDB5CB

 DFB5DB

 F1B5EC

 FFB5FC

Harmonies

Analogous

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



9AAB46



60B567



00BA96

Triad

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



60B567



00ABFF



FB7C80

Complementary

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



60B567



B560AE

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.



F57AB0



60B567



939BFB

Square

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



60B567



00B6EE



D388DD



EA8A58

Rectangle

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



60B567



00BBB7



D388DD



FC7A90

Sweetspot

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



60B567



CAEBCC



AFB560



617563



F5F5F5



757575

Same Dimension

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



60B567



67EB72



60B590



505951



00990D



001A02

Inverse Universe

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



B560AE



EB67E0



B56085



595059



99008C



1A0017

Previews

White Background



This preview shows how the Hex color 60B567 looks on a white background.

Color Contrast Check

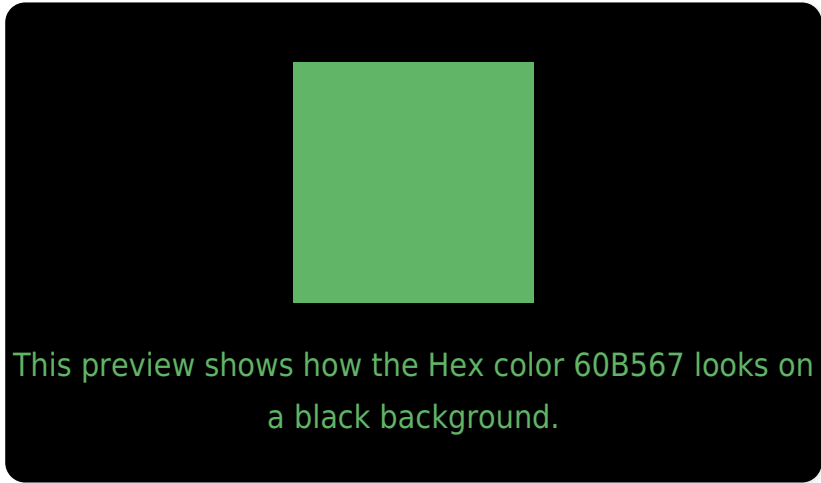
Large Text (above 18pt) WCAG AA × Fail

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

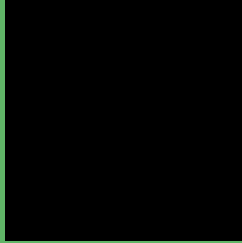
Any Text WCAG AA ✓ Pass

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 60B567 Background



This preview shows how black text looks on a background with the Hex color 60B567.

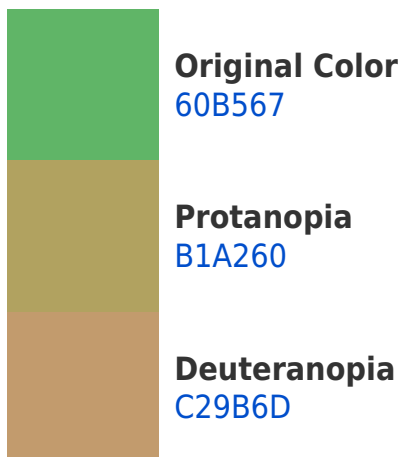


This preview shows how white text looks on a background with the Hex color 60B567.

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
72ABB9

Trichromacy



Original Color
60B567



Protanomaly
94A963



Deuteranomaly
9EA46B



Tritanomaly
6BAF9B

Monochromacy



Original Color
60B567



Achromatopsia
939393



Achromatomaly
809F83

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B567 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 #60B567 looks like.

```
.text, #text, p{  
    color:#60B567  
}
```

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 #60B567 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B567
}
```

Border

The CSS property to change the border of an element to Hex 60B567 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
#60B567 }
```

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

```
.border{ border-color:#60B567 }
```

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

Here you see how a box with a 4 pixel #60B567 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B567; -webkit-box-shadow:4px 4px  
4px 4px #60B567; box-shadow:4px 4px 4px  
4px #60B567 }
```

Background

The CSS property to change the background color of an element to Hex 60B567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B567 }
```

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

```
.background{ background-color:#60B567 }
```

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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