

Converting Colors

Hex(60B560)

Have a look what the booklet for
Hex(60B560) contains.

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Color

Hex(60B560)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 60B560 |
| RGB | 96, 181, 96 |
| RGB Percent | 38%, 71%, 38% |
| CMY | 0.6235, 0.2902, 0.6235 |
| CMYK | 0.47, 0.00, 0.47, 0.29 |
| HSL | 120°, 36%, 54% |
| HSV | 120°, 47%, 71% |
| XYZ | 23.4591, 36.3791, 16.8518 |
| YIQ | 145.8950, -23.3750, -44.4550 |

Conversions

Conversions Part 2

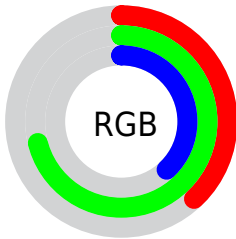
| Format | Color |
|-------------------------------------|--|
| RYB | 96, 181, 181 |
| Decimal | 6337888 |
| CIELab | 66.81, -43.30, 35.39 |
| CIElCh | 67, 55.922, 140.735 |
| Yxy | 36.3791, 0.3059, 0.4744 |
| Android (android.graphics.Color) | 4284527968 (0xFF60B560) |
| YUV | 145.8950, -24.5982, -43.7579 |
| Hunter-Lab | 60.3151, -36.1252, 25.6552 |

Details

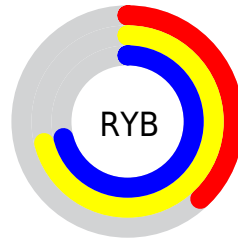
The Hex color **60B560** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B560B5**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **97EE94**, and **267F2F** is the 20% darker color. If you saturate the color by 10%, you get **4EB54E**, and if you desaturate by 10%, it is **72B572**.

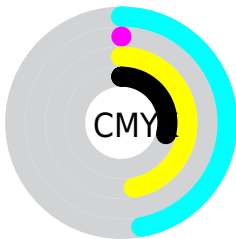
Distribution



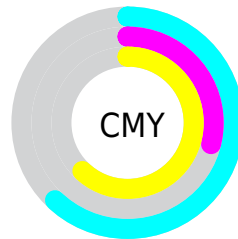
- Red (38%)
- Green (71%)
- Blue (38%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 60B560 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 60B560 by changing the saturation by 10% instead.

 60B560

 60B560

FFFFFF

 449A47

 97EE94

 267F2F

 B4FFAF

 006616

 D0FFCB

 004D00

 EEFFE7

 003500

 002000

 000000

 60B560

 60B560

 4EB54E

 72B572

 3CB53C

 84B584

 2AB52A

 96B596

 18B518

 A8B5A8

 05B505

 BBB5BB

 00B500

 CDB5CD

 DFB5DF

 F1B5F1

 FFB5FF

Harmonies

Analogous

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



9CAA3E



60B560



00BA91

Triad

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



60B560



00ADFF



FF7882

Complementary

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



60B560



B560B5

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.



F778B4



60B560



8A9CFF

Square

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



60B560



00B7EF



D187E3



EF8756

Rectangle

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



60B560



00BBB4



D187E3



FF7692

Sweetspot

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



60B560



CAEBCA



B5B560



617561



F5F5F5



757575

Same Dimension

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



60B560



67EB67



60B58B



505950



009900



001A00

Inverse Universe

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



B560B5



EB67EB



B5608B



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 60B560 looks on a white background.

Color Contrast Check

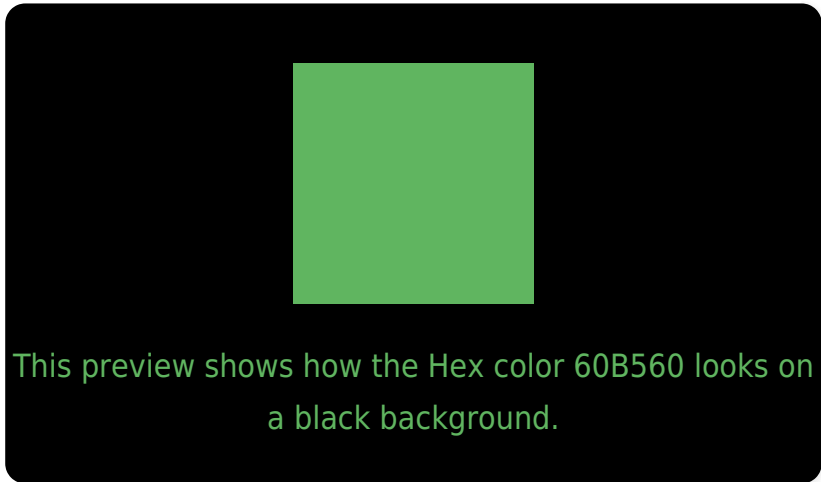
Large Text (above 18pt) WCAG AA × Fail

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

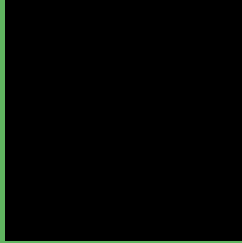
Any Text WCAG AA ✓ Pass

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 60B560 Background



This preview shows how black text looks on a background with the Hex color 60B560.

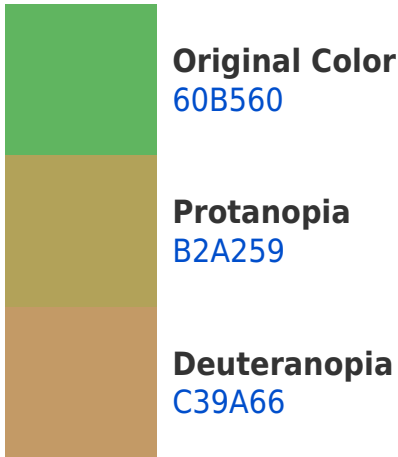


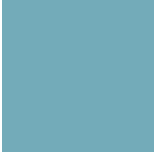
This preview shows how white text looks on a background with the Hex color 60B560.

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
73ABB9

Trichromacy



Original Color
60B560



Protanomaly
94A95C



Deuteranomaly
9FA464



Tritanomaly
6CAF99

Monochromacy



Original Color
60B560



Achromatopsia
929292



Achromatomaly
809F80

CSS Examples

Text

The CSS property to change the color of the text to Hex 60B560 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 #60B560 looks like.

```
.text, #text, p{  
    color:#60B560  
}
```

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 #60B560 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #60B560
}
```

Border

The CSS property to change the border of an element to Hex 60B560 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
#60B560 }
```

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

```
.border{ border-color:#60B560 }
```

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

Here you see how a box with a 4 pixel #60B560 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #60B560; -webkit-box-shadow:4px 4px  
4px 4px #60B560; box-shadow:4px 4px 4px  
4px #60B560 }
```

Background

The CSS property to change the background color of an element to Hex 60B560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#60B560 }
```

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

```
.background{ background-color:#60B560 }
```

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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