

Converting Colors

Hex(61C268)

Have a look what the booklet for
Hex(61C268) contains.

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Color

Hex(61C268)

Conversions

Conversions Part 1

Format	Color
Hex	61C268
RGB	97, 194, 104
RGB Percent	38%, 76%, 41%
CMY	0.6196, 0.2392, 0.5922
CMYK	0.50, 0.00, 0.46, 0.24
HSL	124°, 44%, 57%
HSV	124°, 50%, 76%
XYZ	26.7202, 42.1244, 19.8192
YIQ	154.7370, -28.9220, -48.5540

Conversions

Conversions Part 2

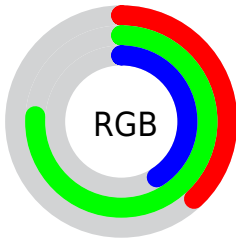
Format	Color
RYB	97, 187, 194
Decimal	6406760
CIELab	70.96, -47.27, 36.58
CIElCh	71, 59.769, 142.265
Yxy	42.1244, 0.3014, 0.4751
Android (android.graphics.Color)	4284596840 (0xFF61C268)
YUV	154.7370, -25.0133, -50.6353
Hunter-Lab	64.9033, -40.0937, 27.3272

Details

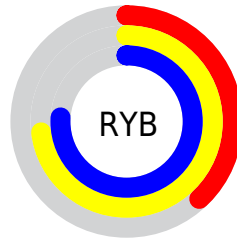
The Hex color **61C268** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **C261BB**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **9AFB9D**, and **248B36** is the 20% darker color. If you saturate the color by 10%, you get **4EC256**, and if you desaturate by 10%, it is **74C27A**.

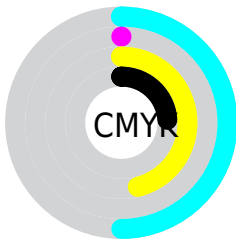
Distribution



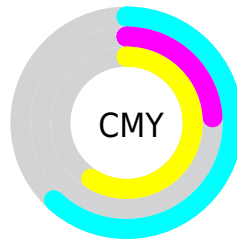
- Red (38%)
- Green (76%)
- Blue (41%)



- Red (38%)
- Yellow (73%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (46%)
- Black (24%)




- Cyan (62%)
- Magenta (24%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 61C268 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 61C268 by changing the saturation by 10% instead.

 61C268

 61C268

FFFFFF

 44A64F

 9AFB9D

 248B36

 B6FFB8

 00711E

 D3FFD4

 005802

 F1FFF0

 003F00

 002A00

 000700

 000000

 61C268

 61C268

 4EC256

 74C27A

 3AC244

 88C28C

 27C232

 9BC29E

 13C220

 AFC2B0

 00C20E

 C2C2C2

 D5C2D4

 E9C2E6

 FCC2F8

 FFC2FF

Harmonies

Analogous

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



A4B742



61C268



00C89D

Triad

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



61C268



00B8FF



FF8088

Complementary

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



61C268



C261BB

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.



FF7EBE



61C268



98A5FF

Square

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



61C268



00C3FF



E38FF1



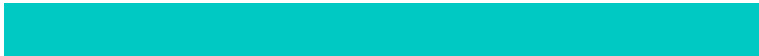
FE9159

Rectangle

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



61C268



00C9C3



E38FF1



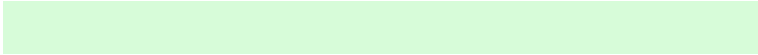
FF7D99

Sweetspot

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



61C268



D7FCD9



BCC261



69806A



000000



808080

Same Dimension

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



61C268



65FC70



61C298



576158



00A10C



002102

Inverse Universe

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



C261BB



FC65F2



C2618B



615760



A10095



21001F

Previews

White Background



This preview shows how the Hex color 61C268 looks on a white background.

Color Contrast Check

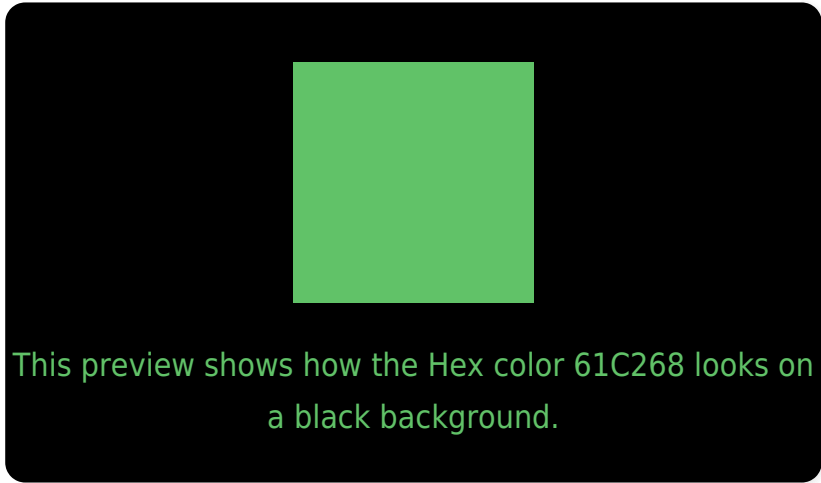
Large Text (above 18pt) WCAG AA × Fail

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 61C268 Background



This preview shows how black text looks on a background with the Hex color 61C268.

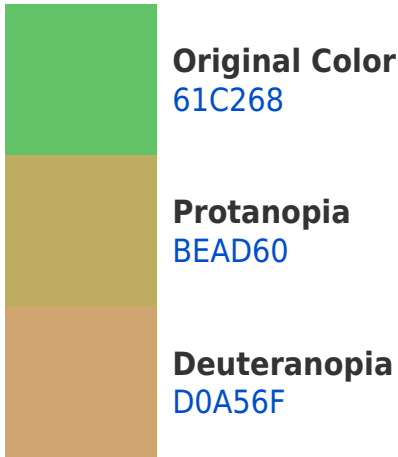


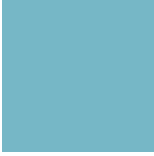
This preview shows how white text looks on a background with the Hex color 61C268.

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
76B7C6

Trichromacy



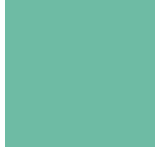
Original Color
61C268



Protanomaly
9CB563



Deuteranomaly
A8B06C



Tritanomaly
6EBBA4

Monochromacy



Original Color
61C268



Achromatopsia
9B9B9B



Achromatomaly
86A988

CSS Examples

Text

The CSS property to change the color of the text to Hex 61C268 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 #61C268 looks like.

```
.text, #text, p{  
    color:#61C268  
}
```

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 #61C268 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #61C268
}
```

Border

The CSS property to change the border of an element to Hex 61C268 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
#61C268 }
```

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

```
.border{ border-color:#61C268 }
```

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

Here you see how a box with a 4 pixel #61C268 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #61C268; -webkit-box-shadow:4px 4px  
4px 4px #61C268; box-shadow:4px 4px 4px  
4px #61C268 }
```

Background

The CSS property to change the background color of an element to Hex 61C268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#61C268 }
```

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

```
.background{ background-color:#61C268 }
```

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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