

Converting Colors

Hex(67A260)

Have a look what the booklet for
Hex(67A260) contains.

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Color

Hex(67A260)

Conversions

Conversions Part 1

Format	Color
Hex	67A260
RGB	103, 162, 96
RGB Percent	40%, 64%, 38%
CMY	0.5961, 0.3647, 0.6235
CMYK	0.36, 0.00, 0.41, 0.36
HSL	114°, 26%, 51%
HSV	114°, 41%, 64%
XYZ	20.6252, 29.5688, 15.6866
YIQ	136.8350, -13.9780, -33.0340

Conversions

Conversions Part 2

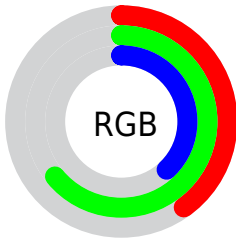
Format	Color
R_{YB}	96, 162, 155
Decimal	6791776
CIE _{Lab}	61.28, -32.64, 28.40
CIE _{LCh}	61, 43.265, 138.980
Yxy	29.5688, 0.3131, 0.4488
Android (android.graphics.Color)	4284981856 (0xFF67A260)
YUV	136.8350, -20.1317, -29.6733
Hunter-Lab	54.3772, -27.4553, 20.9602

Details

The Hex color **67A260** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9B60A2**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9CD993**, and **336E30** is the 20% darker color. If you saturate the color by 10%, you get **59A250**, and if you desaturate by 10%, it is **75A270**.

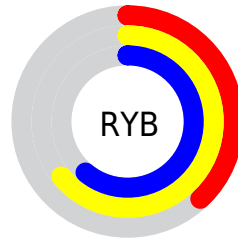
Distribution



Red (40%)

Green (64%)

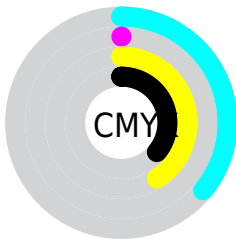
Blue (38%)



Red (38%)

Yellow (64%)

Blue (61%)

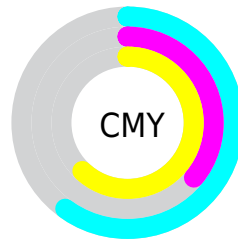


Cyan (36%)

Magenta (0%)

Yellow (41%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67A260 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 67A260 by changing the saturation by 10% instead.



67A260



67A260

FFFFFF



4D8748



9CD993



336E30



B8F6AE



185519



D4FFCA



003D01



F1FFE6



002700



000900



000000



67A260



67A260



59A250



75A270

 4AA240

 84A280

 3CA22F

 92A291

 2DA21F

 A1A2A1

 1FA20F

 AFA2B1

 11A200

 BEA2C1

 CCA2D1

 DBA2E2

 E9A2F2

Harmonies

Analogous

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



939949



67A260



24A784

Triad

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



67A260



299CDF



DD757D

Complementary

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



67A260



9B60A2

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.



D476A4



67A260



818FDC

Square

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



67A260



00A4CD



B581C7



D17F5C

Rectangle

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



67A260



00A89F



B581C7



DC748A

Sweetspot

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



67A260



BDD4BA



A29A60



5E6B5C



EBEBEB



6B6B6B

Same Dimension

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



67A260



77D46C



60A279



4A5249



0F9100



021200

Inverse Universe

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



9B60A2



C96CD4



A26089



514952



820091



100012

Previews

White Background



This preview shows how the Hex color 67A260 looks on a white background.

Color Contrast Check

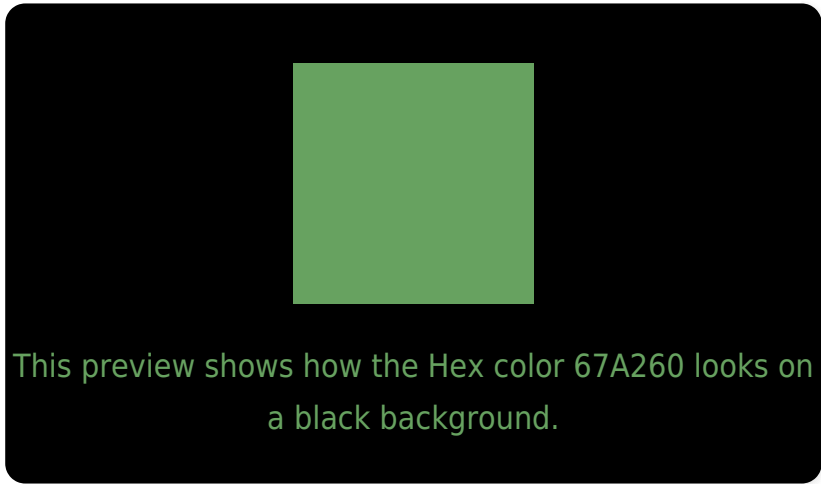
Large Text (above 18pt) WCAG AA ✓ Pass

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

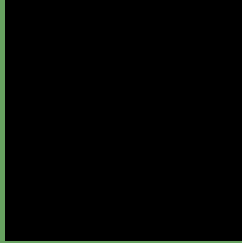
Any Text WCAG AA ✓ Pass

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 67A260 Background



This preview shows how black text looks on a background with the Hex color 67A260.

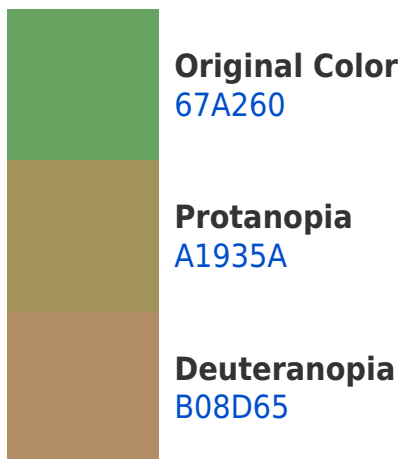


This preview shows how white text looks on a background with the Hex color 67A260.

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](#).

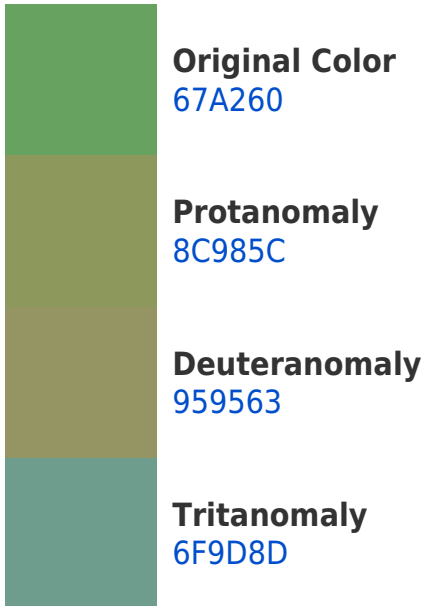
Dichromacy



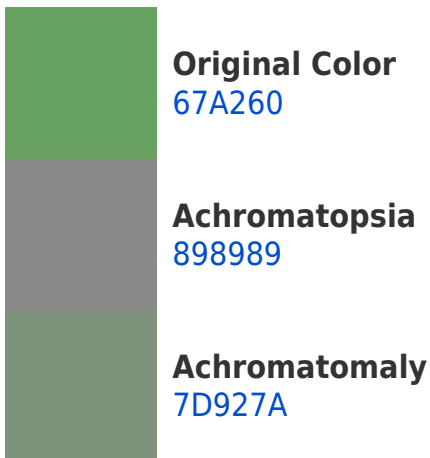


Tritanopia
749AA6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 67A260 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 #67A260 looks like.

```
.text, #text, p{  
    color:#67A260  
}
```

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 #67A260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67A260
}
```

Border

The CSS property to change the border of an element to Hex 67A260 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
#67A260 }
```

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

```
.border{ border-color:#67A260 }
```

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

Here you see how a box with a 4 pixel #67A260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67A260; -webkit-box-shadow:4px 4px  
4px 4px #67A260; box-shadow:4px 4px 4px  
4px #67A260 }
```

Background

The CSS property to change the background color of an element to Hex 67A260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67A260 }
```

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

```
.background{ background-color:#67A260 }
```

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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