

Converting Colors

Hex(66A364)

Have a look what the booklet for
Hex(66A364) contains.

Hex(66A364)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66A364)

Conversions

Conversions Part 1

Format	Color
Hex	66A364
RGB	102, 163, 100
RGB Percent	40%, 64%, 39%
CMY	0.6000, 0.3608, 0.6078
CMYK	0.37, 0.00, 0.39, 0.36
HSL	118°, 26%, 52%
HSV	118°, 39%, 64%
XYZ	20.8769, 29.9393, 16.7351
YIQ	137.5790, -16.1330, -32.5250

Conversions

Conversions Part 2

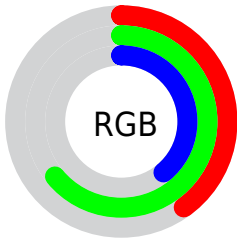
Format	Color
RYB	100, 163, 161
Decimal	6726500
CIELab	61.60, -32.81, 26.66
CIElCh	62, 42.279, 140.900
Yxy	29.9393, 0.3091, 0.4432
Android (android.graphics.Color)	4284916580 (0xFF66A364)
YUV	137.5790, -18.5264, -31.2028
Hunter-Lab	54.7168, -27.6485, 20.1679

Details

The Hex color **66A364** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **A164A3**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9BDA98**, and **326F34** is the 20% darker color. If you saturate the color by 10%, you get **56A354**, and if you desaturate by 10%, it is **76A374**.

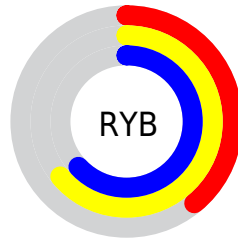
Distribution



Red (40%)

Green (64%)

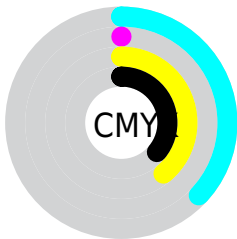
Blue (39%)



Red (39%)

Yellow (64%)

Blue (63%)

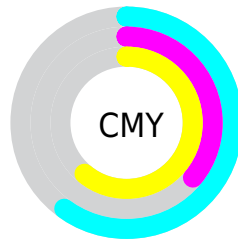


Cyan (37%)

Magenta (0%)

Yellow (39%)

Black (36%)



Cyan (60%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A364 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 66A364 by changing the saturation by 10% instead.



66A364



66A364

FFFFFF



4C884C



9BDA98



326F34



B7F7B2



17561D



D3FFCE



003E06



F0FFEA



002800



000B00



000000



66A364



66A364



56A354



76A374

 46A343

 86A385

 37A333

 95A395

 27A323

 A5A3A5

 17A313

 B5A3B5

 07A302

 C5A3C6

 05A300

 D4A3D6

 E4A3E6

 F4A3F7

Harmonies

Analogous

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



929B4D



66A364



25A788

Triad

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



66A364



399CDE



DC777C

Complementary

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



66A364



A164A3

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.



D577A2



66A364



868FDB

Square

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



66A364



00A4CE



B881C4



D0815C

Rectangle

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



66A364



00A8A2



B881C4



DC7688

Sweetspot

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



66A364



BBD4BA



A3A164



5D6B5C



EBEBEB



6B6B6B

Same Dimension

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



66A364



75D472



64A381



4A5249



059100



011200

Inverse Universe

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



A164A3



D172D4



A36486



514952



8D0091



110012

Previews

White Background



This preview shows how the Hex color 66A364 looks on a white background.

Color Contrast Check

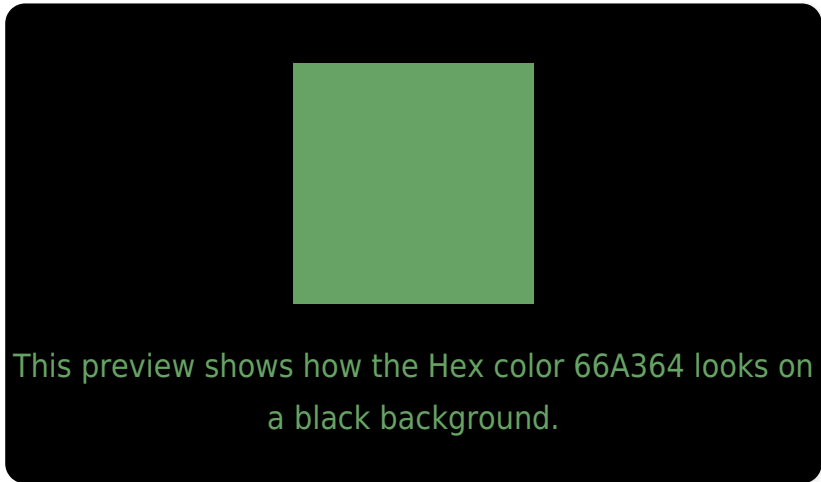
Large Text (above 18pt) WCAG AA ✓ Pass

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

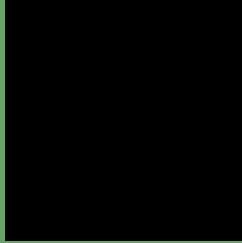
Any Text WCAG AA ✓ Pass

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 66A364 Background



This preview shows how black text looks on a background with the Hex color 66A364.

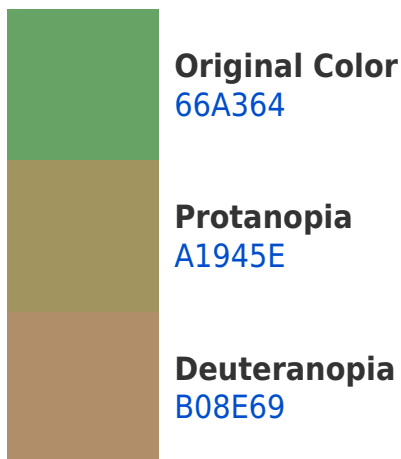


This preview shows how white text looks on a background with the Hex color 66A364.

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
739BA7

Trichromacy



Original Color
66A364

Protanomaly
8C9960

Deuteranomaly
959667

Tritanomaly
6E9E8F

Monochromacy



Original Color
66A364

Achromatopsia
8A8A8A

Achromatomaly
7D937C

CSS Examples

Text

The CSS property to change the color of the text to Hex 66A364 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 #66A364 looks like.

```
.text, #text, p{  
    color:#66A364  
}
```

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 #66A364 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A364
}
```

Border

The CSS property to change the border of an element to Hex 66A364 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
#66A364 }
```

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

```
.border{ border-color:#66A364 }
```

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

Here you see how a box with a 4 pixel #66A364 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A364; -webkit-box-shadow:4px 4px  
4px 4px #66A364; box-shadow:4px 4px 4px  
4px #66A364 }
```

Background

The CSS property to change the background color of an element to Hex 66A364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A364 }
```

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

```
.background{ background-color:#66A364 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor