

Converting Colors

Hex(6BA464)

Have a look what the booklet for
Hex(6BA464) contains.

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Color

Hex(6BA464)

Conversions

Conversions Part 1

Format	Color
Hex	6BA464
RGB	107, 164, 100
RGB Percent	42%, 64%, 39%
CMY	0.5804, 0.3569, 0.6078
CMYK	0.35, 0.00, 0.39, 0.36
HSL	113°, 26%, 52%
HSV	113°, 39%, 64%
XYZ	21.6391, 30.5968, 16.8219
YIQ	139.6610, -13.4280, -31.9880

Conversions

Conversions Part 2

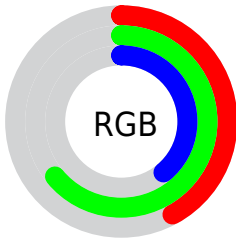
Format	Color
RYB	100, 164, 157
Decimal	7054436
CIELab	62.17, -31.61, 27.45
CIElCh	62, 41.870, 139.031
Yxy	30.5968, 0.3133, 0.4431
Android (android.graphics.Color)	4285244516 (0xFF6BA464)
YUV	139.6610, -19.5529, -28.6437
Hunter-Lab	55.3144, -26.9706, 20.6892

Details

The Hex color **6BA464** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D64A4**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A0DB98**, and **387034** is the 20% darker color. If you saturate the color by 10%, you get **5CA454**, and if you desaturate by 10%, it is **7AA474**.

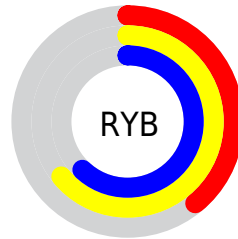
Distribution



Red (42%)

Green (64%)

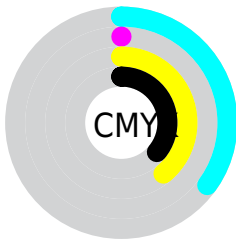
Blue (39%)



Red (39%)

Yellow (64%)

Blue (62%)

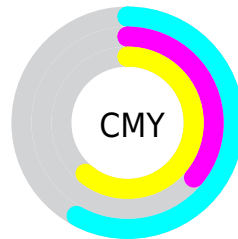


Cyan (35%)

Magenta (0%)

Yellow (39%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA464 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 6BA464 by changing the saturation by 10% instead.



6BA464



6BA464

FFFFFF



51894C



A0DB98



387034



BCF8B3



1D571D



D8FFCE



003F06



F5FFEB



002900



000E00



000000



6BA464



6BA464



5CA454



7AA474

 4EA443

 88A485

 3FA433

 97A495

 31A422

 A5A4A6

 22A412

 B4A4B6

 13A402

 C3A4C6

 12A400

 D1A4D7

 E0A4E7

 EEA4F8

Harmonies

Analogous

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



969B4E



6BA464



30A987

Triad

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



6BA464



379EDF



DD7980

Complementary

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



6BA464



9D64A4

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.



D579A6



6BA464



8492DC

Square

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



6BA464



00A6CD



B784C7



D28260

Rectangle

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



6BA464



00AAA1



B784C7



DD788C

Sweetspot

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



6BA464



BFD6BC



A49D64



5E6B5C



EBEBEB



6B6B6B

Same Dimension

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



6BA464



7DD672



64A47D



4A5249



109100



021200

Inverse Universe

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



9D64A4



CB72D6



A4648B



514952



810091



100012

Previews

White Background



This preview shows how the Hex color 6BA464 looks on a white background.

Color Contrast Check

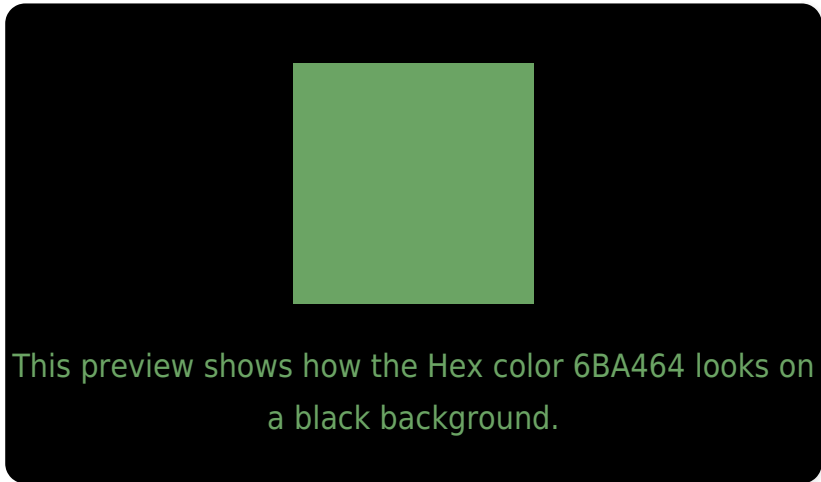
Large Text (above 18pt) WCAG AA × Fail

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

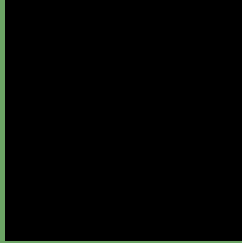
Any Text WCAG AA ✓ Pass

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 6BA464 Background



This preview shows how black text looks on a background with the Hex color 6BA464.



This preview shows how white text looks on a background with the Hex color 6BA464.

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



Original Color
6BA464

Protanopia
A3965E

Deuteranopia
B28F69

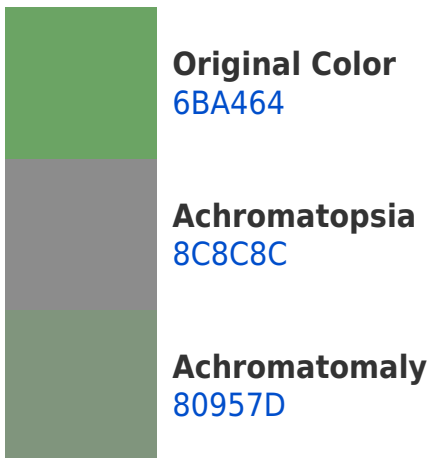


Tritanopia
779CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA464 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 #6BA464 looks like.

```
.text, #text, p{  
    color:#6BA464  
}
```

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 #6BA464 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA464
}
```

Border

The CSS property to change the border of an element to Hex 6BA464 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
#6BA464 }
```

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

```
.border{ border-color:#6BA464 }
```

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

Here you see how a box with a 4 pixel #6BA464 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA464; -webkit-box-shadow:4px 4px  
4px 4px #6BA464; box-shadow:4px 4px 4px  
4px #6BA464 }
```

Background

The CSS property to change the background color of an element to Hex 6BA464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA464 }
```

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

```
.background{ background-color:#6BA464 }
```

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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