

Converting Colors

Hex(6BA45B)

Have a look what the booklet for
Hex(6BA45B) contains.

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Color

Hex(6BA45B)

Conversions

Conversions Part 1

Format	Color
Hex	6BA45B
RGB	107, 164, 91
RGB Percent	42%, 64%, 36%
CMY	0.5804, 0.3569, 0.6431
CMYK	0.35, 0.00, 0.45, 0.36
HSL	107°, 29%, 50%
HSV	107°, 45%, 64%
XYZ	21.2272, 30.4320, 14.6527
YIQ	138.6350, -10.5390, -34.7870

Conversions

Conversions Part 2

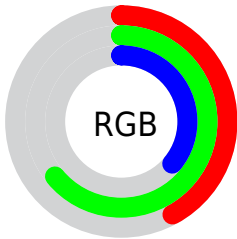
Format	Color
RYB	91, 164, 148
Decimal	7054427
CIELab	62.03, -32.96, 32.04
CIElCh	62, 45.962, 135.813
Yxy	30.4320, 0.3201, 0.4589
Android (android.graphics.Color)	4285244507 (0xFF6BA45B)
YUV	138.6350, -23.4841, -27.7439
Hunter-Lab	55.1653, -27.8537, 22.8674

Details

The Hex color **6BA45B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945BA4**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A1DB8E**, and **37702B** is the 20% darker color. If you saturate the color by 10%, you get **5EA44B**, and if you desaturate by 10%, it is **78A46B**.

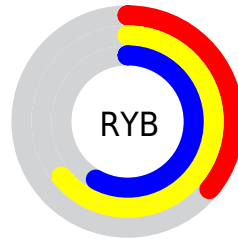
Distribution



Red (42%)

Green (64%)

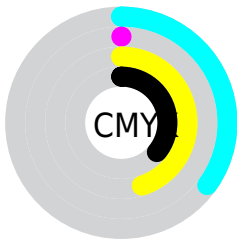
Blue (36%)



Red (36%)

Yellow (64%)

Blue (58%)

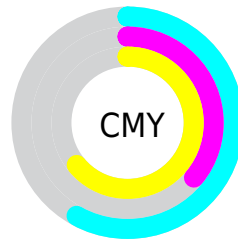


Cyan (35%)

Magenta (0%)

Yellow (45%)

Black (36%)



Cyan (58%)

Magenta (36%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BA45B 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 6BA45B by changing the saturation by 10% instead.



6BA45B



6BA45B

FFFFFF



518943



A1DB8E



37702B



BCF8A9



1D5713



D9FFC5



003F00



F6FFE1



002900

FFFFFFE



000D00



000000



6BA45B



6BA45B



5EA44B



78A46B

 51A43A

 85A47C

 45A42A

 91A48C

 38A419

 9EA49D

 2BA409

 ABA4AD

 24A400

 B8A4BD

 C5A4CE

 D1A4DE

 DEA4EF

Harmonies

Analogous

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



999A44



6BA45B



23A981

Triad

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



6BA45B



00A0E4



E37482

Complementary

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



6BA45B



945BA4

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.



D876AB



6BA45B



7993E4

Square

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



6BA45B



00A8CF



B583CF



D97E5D

Rectangle

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



6BA45B



00AB9D



B583CF



E2738F

Sweetspot

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



6BA45B



C0D6BA



A4935B



5E6B5A



EBEBEB



6B6B6B

Same Dimension

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



6BA45B



7ED665



5BA46E



4B5249



209100



041200

Inverse Universe

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



945BA4



BD65D6



A45B91



504952



710091



0E0012

Previews

White Background



This preview shows how the Hex color 6BA45B looks on a white background.

Color Contrast Check

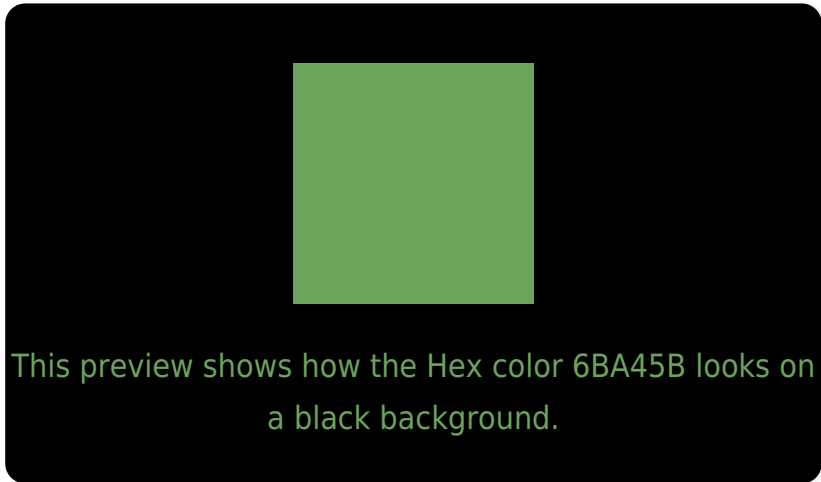
Large Text (above 18pt) WCAG AA × Fail

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 6BA45B Background



This preview shows how black text looks on a background with the Hex color 6BA45B.



This preview shows how white text looks on a background with the Hex color 6BA45B.

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
6BA45B

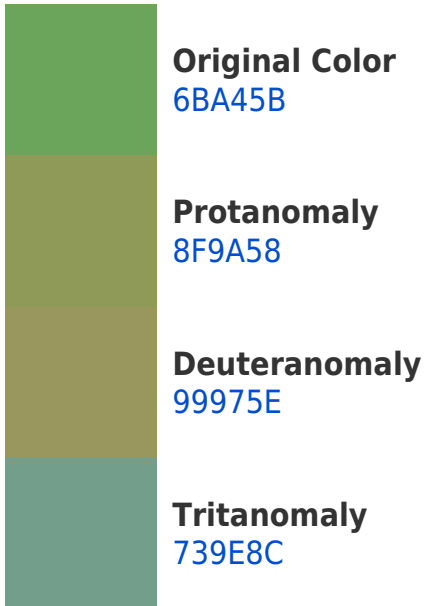
Protanopia
A49556

Deuteranopia
B48F60

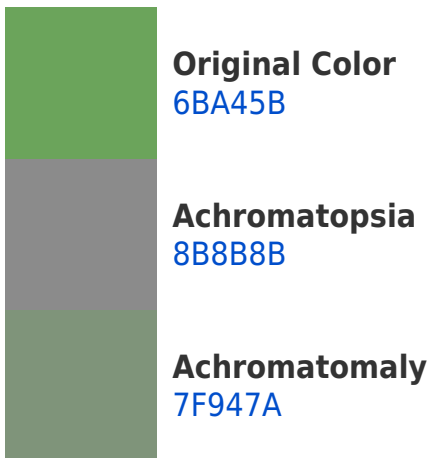


Tritanopia
789BA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BA45B 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 #6BA45B looks like.

```
.text, #text, p{  
    color:#6BA45B  
}
```

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 #6BA45B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BA45B
}
```

Border

The CSS property to change the border of an element to Hex 6BA45B 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
#6BA45B }
```

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

```
.border{ border-color:#6BA45B }
```

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

Here you see how a box with a 4 pixel #6BA45B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BA45B; -webkit-box-shadow:4px 4px  
4px 4px #6BA45B; box-shadow:4px 4px 4px  
4px #6BA45B }
```

Background

The CSS property to change the background color of an element to Hex 6BA45B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BA45B }
```

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

```
.background{ background-color:#6BA45B }
```

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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