

Converting Colors

Hex(6BBB41)

Have a look what the booklet for
Hex(6BBB41) contains.

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Color

Hex(6BBB41)

Conversions

Conversions Part 1

Format	Color
Hex	6BBB41
RGB	107, 187, 65
RGB Percent	42%, 73%, 25%
CMY	0.5804, 0.2667, 0.7451
CMYK	0.43, 0.00, 0.65, 0.27
HSL	99°, 48%, 49%
HSV	99°, 65%, 73%
XYZ	24.7879, 39.0481, 11.2316
YIQ	149.1720, -8.5180, -54.9020

Conversions

Conversions Part 2

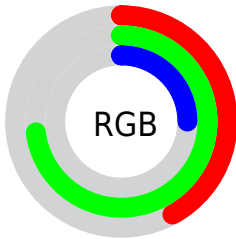
Format	Color
RYB	65, 187, 145
Decimal	7060289
CIELab	68.79, -46.01, 52.39
CIELCh	69, 69.720, 131.291
Yxy	39.0481, 0.3302, 0.5202
Android (android.graphics.Color)	4285250369 (0xFF6BBB41)
YUV	149.1720, -41.4968, -36.9848
Hunter-Lab	62.4885, -38.5477, 33.0852

Details

The Hex color **6BBB41** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9141BB**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **A3F476**, and **318500** is the 20% darker color. If you saturate the color by 10%, you get **5FBB2E**, and if you desaturate by 10%, it is **77BB54**.

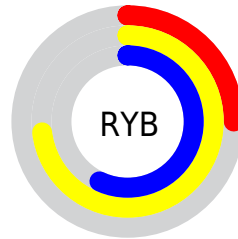
Distribution



Red (42%)

Green (73%)

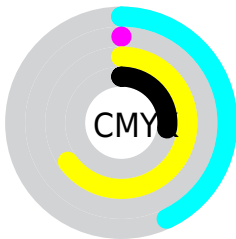
Blue (25%)



Red (25%)

Yellow (73%)

Blue (57%)

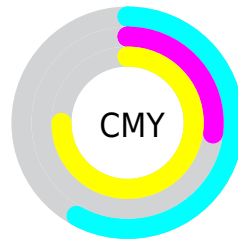


Cyan (43%)

Magenta (0%)

Yellow (65%)

Black (27%)



Cyan (58%)

Magenta (27%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BBB41 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 6BBB41 by changing the saturation by 10% instead.

 6BBB41

 6BBB41

FFFFFF

 4FA025

 A3F476

 318500

 C0FF91

 086B00

 DDFEAD

 005200

 FBFFC9

 003A00

 FFFFE6

 002500

 000000

 6BBB41

 6BBB41

 5FB2E

 77BB54

 52BB1C

 84BB66

 46BB09

 90BB79

 40BB00

 9CBB8C

 A8BB9E

 B5BBB1

 C1BBC4

 CDBBD7

 D9BBE9

Harmonies

Analogous

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



B1AC13



6BBB41



00C37D

Triad

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



6BBB41



00BAFF



FF6A93

Complementary

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



6BBB41



9141BB

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.



FF72D2



6BBB41



4CA7FF

Square

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



6BBB41



00C3FA



C98CFF



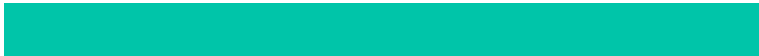
FF7C57

Rectangle

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



6BBB41



00C5A9



C98CFF



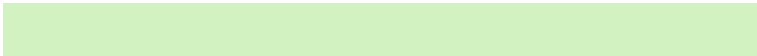
FF69A8

Sweetspot

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



6BBB41



D2F2C2



BB9041



677A5D



FAFAFA



7A7A7A

Same Dimension

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



6BBB41



76F235



41BB53



585E55



369E00



0B1F00

Inverse Universe

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



9141BB



B135F2



BB41A9



5B555E



68009E



14001F

Previews

White Background



This preview shows how the Hex color 6BBB41 looks on a white background.

Color Contrast Check

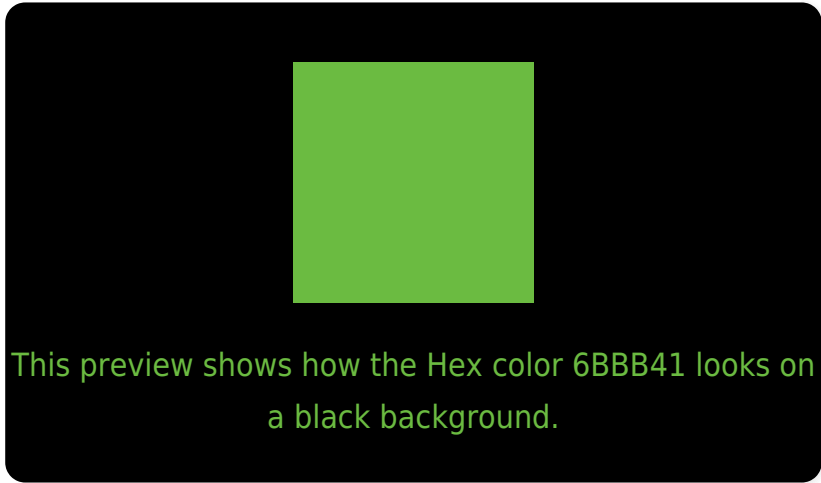
Large Text (above 18pt) WCAG AA × Fail

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

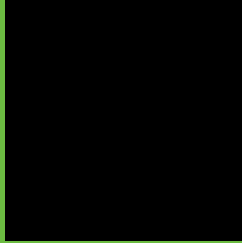
Any Text WCAG AA ✓ Pass

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 6BBB41 Background



This preview shows how black text looks on a background with the Hex color 6BBB41.

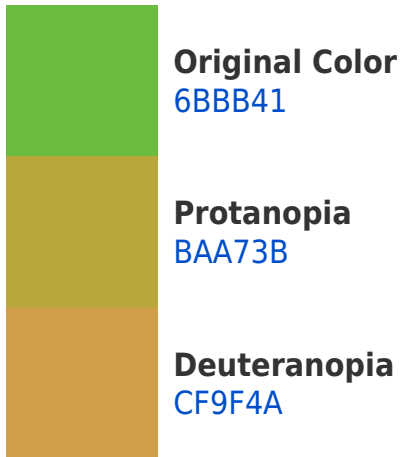


This preview shows how white text looks on a background with the Hex color 6BBB41.

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](#).

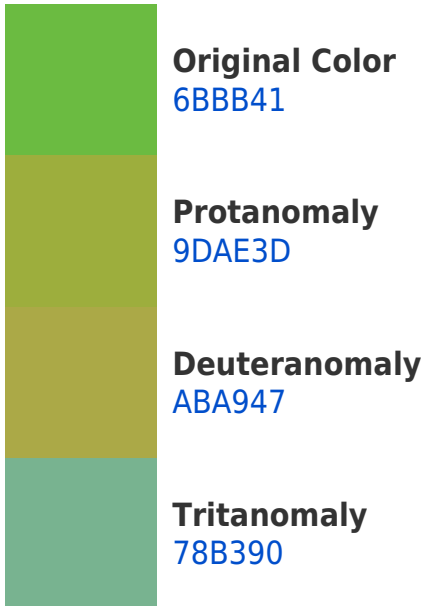
Dichromacy



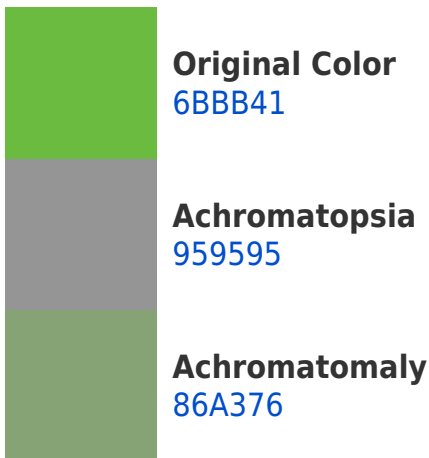


Tritanopia
7FAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BBB41 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 #6BBB41 looks like.

```
.text, #text, p{  
    color:#6BBB41  
}
```

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 #6BBB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BBB41
}
```

Border

The CSS property to change the border of an element to Hex 6BBB41 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
#6BBB41 }
```

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

```
.border{ border-color:#6BBB41 }
```

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

Here you see how a box with a 4 pixel #6BBB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BBB41; -webkit-box-shadow:4px 4px  
4px 4px #6BBB41; box-shadow:4px 4px 4px  
4px #6BBB41 }
```

Background

The CSS property to change the background color of an element to Hex 6BBB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BBB41 }
```

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

```
.background{ background-color:#6BBB41 }
```

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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