

Converting Colors

Hex(6FBB41)

Have a look what the booklet for
Hex(6FBB41) contains.

Hex(6FBB41)	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(6FBB41)

Conversions

Conversions Part 1

Format	Color
Hex	6FBB41
RGB	111, 187, 65
RGB Percent	44%, 73%, 25%
CMY	0.5647, 0.2667, 0.7451
CMYK	0.41, 0.00, 0.65, 0.27
HSL	97°, 48%, 49%
HSV	97°, 65%, 73%
XYZ	25.2800, 39.3018, 11.2546
YIQ	150.3680, -6.1340, -54.0540

Conversions

Conversions Part 2

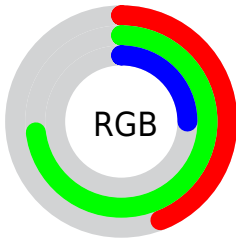
Format	Color
RYB	65, 187, 141
Decimal	7322433
CIELab	68.97, -44.70, 52.64
CIELCh	69, 69.054, 130.336
Yxy	39.3018, 0.3333, 0.5182
Android (android.graphics.Color)	4285512513 (0xFF6FBB41)
YUV	150.3680, -42.0864, -34.5257
Hunter-Lab	62.6912, -37.7300, 33.2398

Details

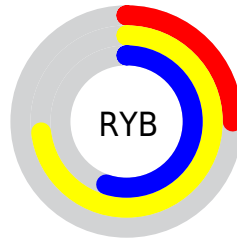
The Hex color **6FBB41** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **8D41BB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A7F476**, and **368500** is the 20% darker color. If you saturate the color by 10%, you get **63BB2E**, and if you desaturate by 10%, it is **7BBB54**.

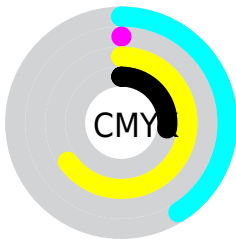
Distribution



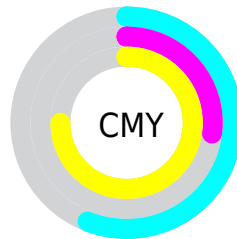
- Red (44%)
- Green (73%)
- Blue (25%)



- Red (25%)
- Yellow (73%)
- Blue (55%)



- Cyan (41%)
- Magenta (0%)
- Yellow (65%)
- Black (27%)



- Cyan (56%)
- Magenta (27%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FBB41 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 6FBB41 by changing the saturation by 10% instead.



6FBB41



6FBB41

FFFFFF



53A025



A7F476



368500



C4FF91



136B00



E1FFAD



005200



FFFFC9



003A00



FFFFE6



002500



000000



6FBB41



6FBB41



63BB2E



7BBB54

 58BB1C

 86BB66

 4CBB09

 92BB79

 47BB00

 9EBB8C

 A9BB9E

 B5BBB1

 C1BBC4

 CCBBD7

 D8BBE9

Harmonies

Analogous

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



B4AC17



6FBB41



00C37C

Triad

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



6FBB41



00BAFF



FF6B95

Complementary

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



6FBB41



8D41BB

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.



FF74D4



6FBB41



48A8FF

Square

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



6FBB41



00C4F8



C78EFF



FF7C5A

Rectangle

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



6FBB41



00C6A7



C78EFF



FF6BAA

Sweetspot

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



6FBB41



D4F2C2



BB8C41



687A5D



FAFAFA



7A7A7A

Same Dimension

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



6FBB41



7DF235



41BB4F



585E55



3C9E00



0C1F00

Inverse Universe

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



8D41BB



AB35F2



BB41AD



5B555E



62009E



13001F

Previews

White Background



This preview shows how the Hex color 6FBB41 looks on a white background.

Color Contrast Check

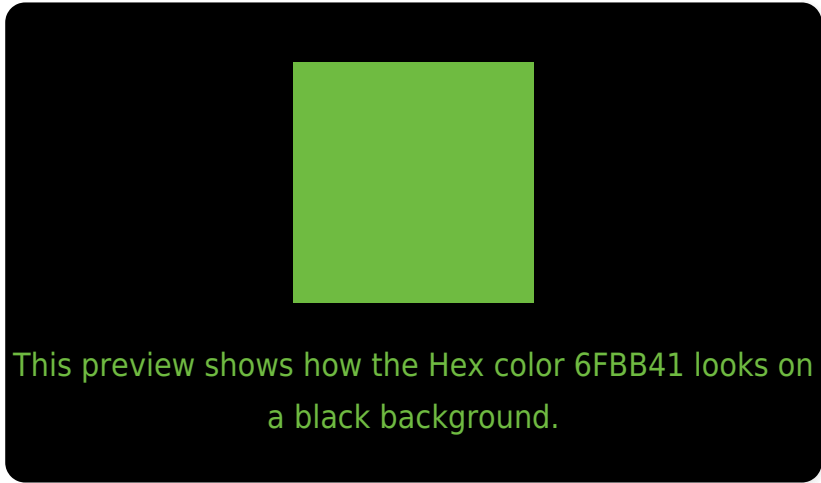
Large Text (above 18pt) WCAG AA × Fail

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 6FBB41 Background



This preview shows how black text looks on a background with the Hex color 6FBB41.

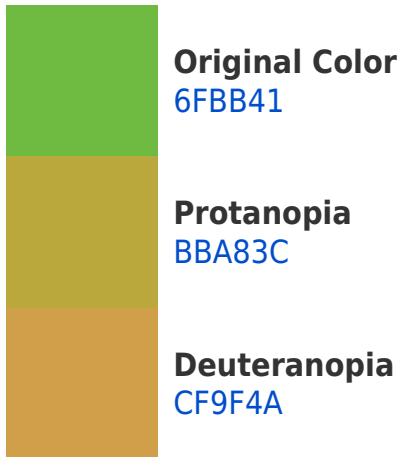


This preview shows how white text looks on a background with the Hex color 6FBB41.

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
83AFBD

Trichromacy



Original Color
6FBB41



Protanomaly
9FAF3E



Deuteranomaly
ACA947



Tritanomaly
7CB390

Monochromacy



Original Color
6FBB41



Achromatopsia
969696



Achromatomaly
88A377

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FBB41 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 #6FBB41 looks like.

```
.text, #text, p{  
    color:#6FBB41  
}
```

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 #6FBB41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FBB41
}
```

Border

The CSS property to change the border of an element to Hex 6FBB41 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
#6FBB41 }
```

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

```
.border{ border-color:#6FBB41 }
```

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

Here you see how a box with a 4 pixel #6FBB41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FBB41; -webkit-box-shadow:4px 4px  
4px 4px #6FBB41; box-shadow:4px 4px 4px  
4px #6FBB41 }
```

Background

The CSS property to change the background color of an element to Hex 6FBB41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FBB41 }
```

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

```
.background{ background-color:#6FBB41 }
```

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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