

Converting Colors

Hex(6BAE2B)

Have a look what the booklet for
Hex(6BAE2B) contains.

Hex(6BAE2B)	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(6BAE2B)

Conversions

Conversions Part 1

Format	Color
Hex	6BAE2B
RGB	107, 174, 43
RGB Percent	42%, 68%, 17%
CMY	0.5804, 0.3176, 0.8314
CMYK	0.39, 0.00, 0.75, 0.32
HSL	91°, 60%, 43%
HSV	91°, 75%, 68%
XYZ	21.6355, 33.5723, 7.6253
YIQ	139.0330, 2.1190, -54.9450

Conversions

Conversions Part 2

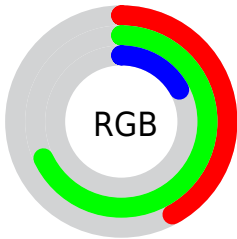
Format	Color
RYB	43, 174, 110
Decimal	7056939
CIELab	64.62, -42.22, 56.56
CIELCh	65, 70.582, 126.736
Yxy	33.5723, 0.3443, 0.5343
Android (android.graphics.Color)	4285247019 (0xFF6BAE2B)
YUV	139.0330, -47.3443, -28.0929
Hunter-Lab	57.9416, -34.7456, 32.7564

Details

The Hex color **6BAE2B** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **6E2BAE**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **A3E662**, and **327900** is the 20% darker color. If you saturate the color by 10%, you get **62AE1A**, and if you desaturate by 10%, it is **74AE3C**.

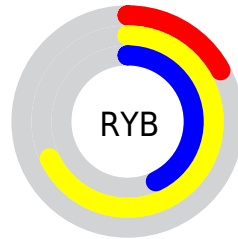
Distribution



Red (42%)

Green (68%)

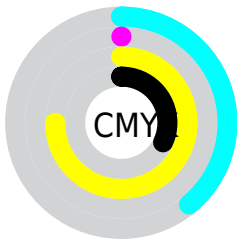
Blue (17%)



Red (17%)

Yellow (68%)

Blue (43%)

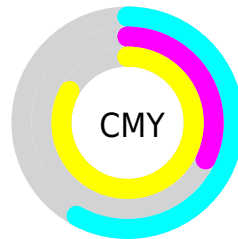


Cyan (39%)

Magenta (0%)

Yellow (75%)

Black (32%)



Cyan (58%)

Magenta (32%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BAE2B 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 6BAE2B by changing the saturation by 10% instead.

 6BAE2B

 6BAE2B

FFFFFF

 4F9305

 A3E662

 327900

 C0FF7D

 116000

 DDF998

 004700

 FBFFB4

 003000

 FFFFD1

 001900

 FFFFEE

 000000

 6BAE2B

 6BAE2B

 62AE1A

 74AE3C

■ 59AE08

■ 7DAE4E

■ 55AE00

■ 86AE5F

■ 8FAE71

■ 97AE82

■ A0AE93

■ A9AEA5

■ B2AEB6

■ BBAEC8

Harmonies

Analogous

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



AE9E00



6BAE2B



00B768

Triad

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



6BAE2B



00B1FF



FF5C91

Complementary

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



6BAE2B



6E2BAE

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.



F368D0



6BAE2B



00A0FF

Square

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



6BAE2B



00B8E7



B085FF



FF6C55

Rectangle

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



6BAE2B



00B994



B085FF



FF5DA6

Sweetspot

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



6BAE2B



C8E3AF



AE6D2B



627353



F2F2F2



737373

Same Dimension

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



6BAE2B



7AE317



2BAE2B



52574E



4A9600



0B1700

Inverse Universe

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



6E2BAE



7F17E3



AE2BAE



524E57



4D0096



0C0017

Previews

White Background



This preview shows how the Hex color 6BAE2B looks on a white background.

Color Contrast Check

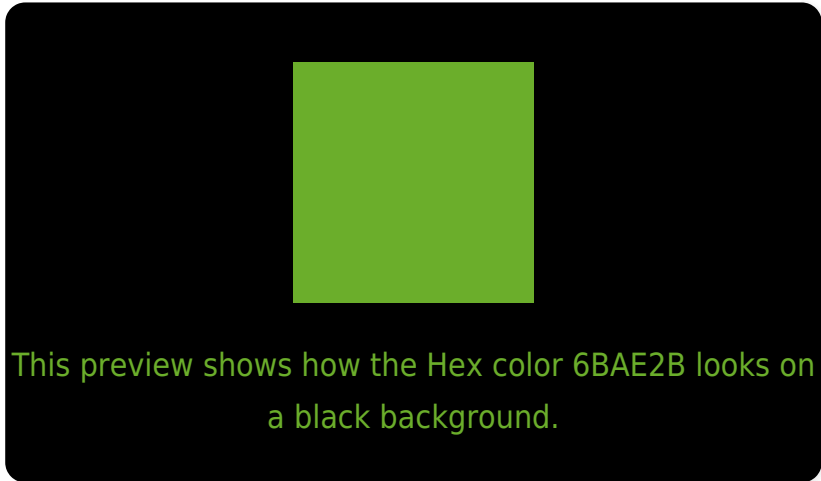
Large Text (above 18pt) WCAG AA × Fail

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 6BAE2B Background



This preview shows how black text looks on a background with the Hex color 6BAE2B.

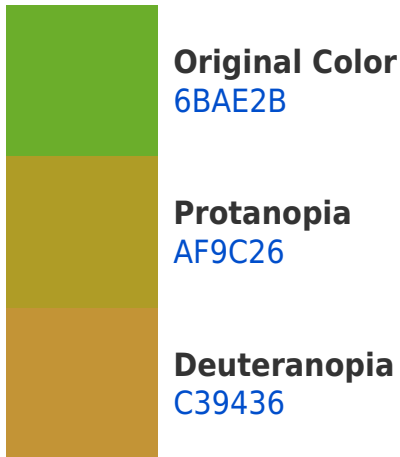


This preview shows how white text looks on a background with the Hex color 6BAE2B.

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
7DA2AF

Trichromacy



Original Color
6BAE2B



Protanomaly
96A328



Deuteranomaly
A39D32



Tritanomaly
76A67F

Monochromacy



Original Color
6BAE2B



Achromatopsia
8B8B8B



Achromatomaly
7F9868

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BAE2B 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 #6BAE2B looks like.

```
.text, #text, p{  
    color:#6BAE2B  
}
```

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 #6BAE2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BAE2B
}
```

Border

The CSS property to change the border of an element to Hex 6BAE2B 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
#6BAE2B }
```

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

```
.border{ border-color:#6BAE2B }
```

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

Here you see how a box with a 4 pixel #6BAE2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BAE2B; -webkit-box-shadow:4px 4px  
4px 4px #6BAE2B; box-shadow:4px 4px 4px  
4px #6BAE2B }
```

Background

The CSS property to change the background color of an element to Hex 6BAE2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BAE2B }
```

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

```
.background{ background-color:#6BAE2B }
```

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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