

Converting Colors

Hex(4BB26D)

Have a look what the booklet for
Hex(4BB26D) contains.

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Color

Hex(4BB26D)

Conversions

Conversions Part 1

Format	Color
Hex	4BB26D
RGB	75, 178, 109
RGB Percent	29%, 70%, 43%
CMY	0.7059, 0.3020, 0.5725
CMYK	0.58, 0.00, 0.39, 0.30
HSL	140°, 41%, 50%
HSV	140°, 58%, 70%
XYZ	21.5824, 34.4408, 19.9782
YIQ	139.3370, -39.2390, -43.2950

Conversions

Conversions Part 2

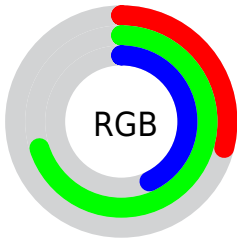
Format	Color
RYB	75, 152, 178
Decimal	4960877
CIELab	65.31, -45.44, 26.54
CIELCh	65, 52.623, 149.708
Yxy	34.4408, 0.2840, 0.4532
Android (android.graphics.Color)	4283150957 (0xFF4BB26D)
YUV	139.3370, -14.9561, -56.4235
Hunter-Lab	58.6863, -37.0561, 20.8966

Details

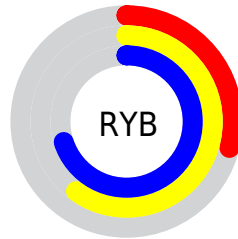
The Hex color **4BB26D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B24B90**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **84EAA1**, and **007C3C** is the 20% darker color. If you saturate the color by 10%, you get **39B261**, and if you desaturate by 10%, it is **5DB279**.

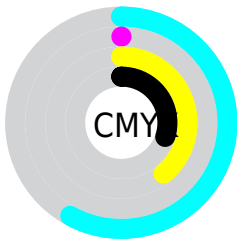
Distribution



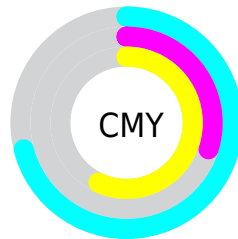
- Red (29%)
- Green (70%)
- Blue (43%)



- Red (29%)
- Yellow (60%)
- Blue (70%)



- Cyan (58%)
- Magenta (0%)
- Yellow (39%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB26D 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 4BB26D by changing the saturation by 10% instead.

 4BB26D

 4BB26D

FFFFFF

 2C9754

 84EAA1

 007C3C

 A1FFBC

 006325

 BDFFD8

 004A0F

 DAFFF5

 003200

 F8FFFF

 001B00

 000000

 4BB26D

 4BB26D

 39B261

 5DB279

 27B255

 6FB285

 16B249

 80B291

 04B23D

 92B29D

 00B23B

 A4B2A9

 B6B2B5

 C8B2C0

 D9B2CC

 EBB2D8

Harmonies

Analogous

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



8AA948



4BB26D



00B69D

Triad

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



4BB26D



3AA4FD



F47A72

Complementary

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



4BB26D



B24B90

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.



F375A1



4BB26D



A092F1

Square

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



4BB26D



00B0EF



D880CF



DE8A4D

Rectangle

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



4BB26D



00B6BD



D880CF



F67781

Sweetspot

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



4BB26D



C1E8CE



91B24B



5E7566



F5F5F5



757575

Same Dimension

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



4BB26D



48E87D



4BB29F



505953



009933



001A08

Inverse Universe

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



B24B90



E848B3



B24B5E



595056



990066



1A0011

Previews

White Background



This preview shows how the Hex color 4BB26D looks on a white background.

Color Contrast Check

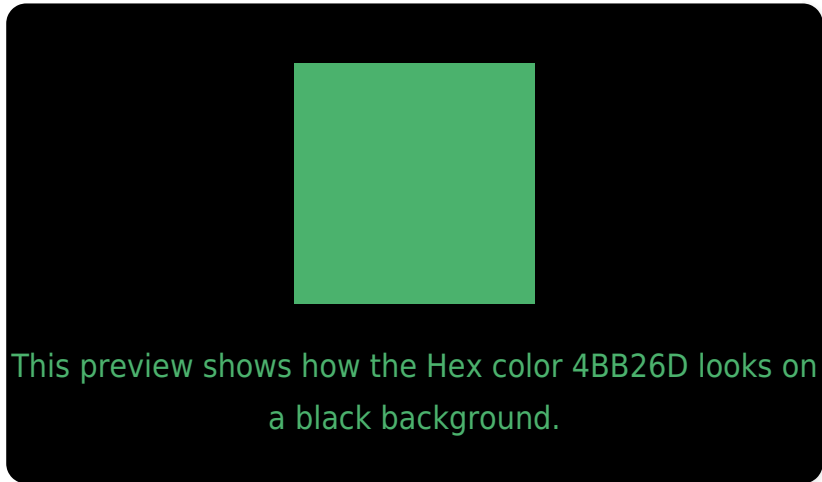
Large Text (above 18pt) WCAG AA × Fail

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 4BB26D Background



This preview shows how black text looks on a background with the Hex color 4BB26D.



This preview shows how white text looks on a background with the Hex color 4BB26D.

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](#).

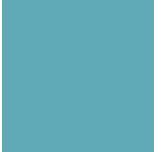
Dichromacy



Original Color
4BB26D

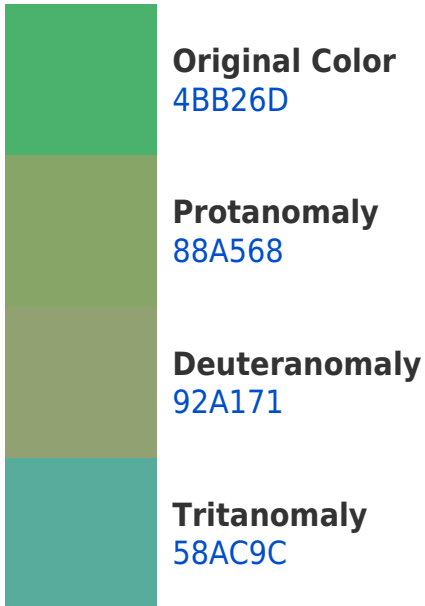
Protanopia
AB9D65

Deuteranopia
BA9773

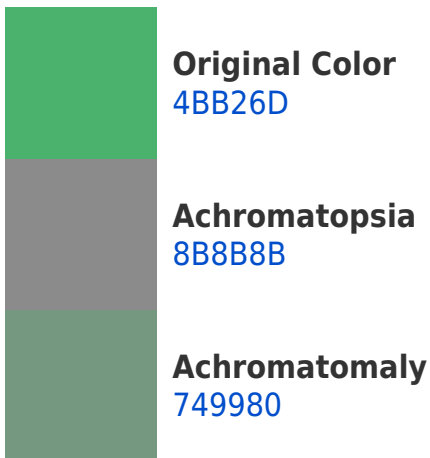


Tritanopia
60A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB26D 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 #4BB26D looks like.

```
.text, #text, p{  
    color:#4BB26D  
}
```

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 #4BB26D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB26D
}
```

Border

The CSS property to change the border of an element to Hex 4BB26D 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
#4BB26D }
```

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

```
.border{ border-color:#4BB26D }
```

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

Here you see how a box with a 4 pixel #4BB26D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB26D; -webkit-box-shadow:4px 4px  
4px 4px #4BB26D; box-shadow:4px 4px 4px  
4px #4BB26D }
```

Background

The CSS property to change the background color of an element to Hex 4BB26D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB26D }
```

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

```
.background{ background-color:#4BB26D }
```

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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