

Converting Colors

Hex(4BB25D)

Have a look what the booklet for
Hex(4BB25D) contains.

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Color

Hex(4BB25D)

Conversions

Conversions Part 1

Format	Color
Hex	4BB25D
RGB	75, 178, 93
RGB Percent	29%, 70%, 36%
CMY	0.7059, 0.3020, 0.6353
CMYK	0.58, 0.00, 0.48, 0.30
HSL	130°, 41%, 50%
HSV	130°, 58%, 70%
XYZ	20.7978, 34.1270, 15.8469
YIQ	137.5130, -34.1030, -48.2710

Conversions

Conversions Part 2

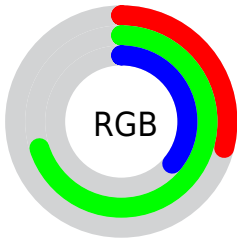
Format	Color
RYB	75, 163, 178
Decimal	4960861
CIELab	65.06, -48.11, 34.56
CIELCh	65, 59.239, 144.308
Yxy	34.1270, 0.2939, 0.4822
Android (android.graphics.Color)	4283150941 (0xFF4BB25D)
YUV	137.5130, -21.9449, -54.8239
Hunter-Lab	58.4183, -38.6832, 24.8094

Details

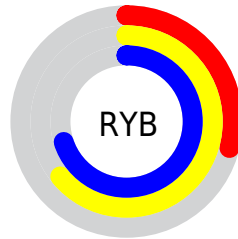
The Hex color **4BB25D** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B24BA0**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **84EB91**, and **007C2C** is the 20% darker color. If you saturate the color by 10%, you get **39B24E**, and if you desaturate by 10%, it is **5DB26C**.

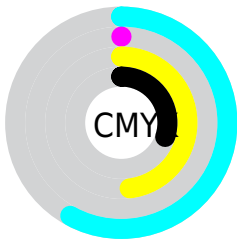
Distribution



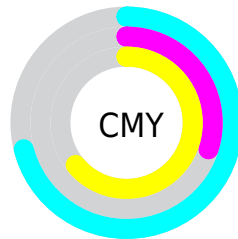
- Red (29%)
- Green (70%)
- Blue (36%)



- Red (29%)
- Yellow (64%)
- Blue (70%)



- Cyan (58%)
- Magenta (0%)
- Yellow (48%)
- Black (30%)



- Cyan (71%)
- Magenta (30%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4BB25D 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 4BB25D by changing the saturation by 10% instead.

 4BB25D

 4BB25D

FFFFFF

 2B9744

 84EB91

 007C2C

 A1FFAC

 006214

 BEFFC7

 004A00

 DBFFE4

 003200

 F9FFFF

 001A00

 000000

 4BB25D

 4BB25D

 39B24E

 5DB26C

 27B240

 6FB27A

 16B231

 80B289

 04B222

 92B298

 00B21F

 A4B2A6

 B6B2B5

 C8B2C4

 D9B2D3

 EBB2E1

Harmonies

Analogous

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



90A835



4BB25D



00B792

Triad

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



4BB25D



00A7FF



FE7175

Complementary

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



4BB25D



B24BA0

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.



F96EAA



4BB25D



8E94FF

Square

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



4BB25D



00B2F3



D57EDC



E98348

Rectangle

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



4BB25D



00B8B6



D57EDC



FF6E87

Sweetspot

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



4BB25D



C1E8C7



A1B24B



5E7562



F5F5F5



757575

Same Dimension

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



4BB25D



48E864



4BB290



505952



00991B



001A04

Inverse Universe

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



B24BA0



E848CC



B24B6D



595058



99007E



1A0015

Previews

White Background



This preview shows how the Hex color 4BB25D looks on a white background.

Color Contrast Check

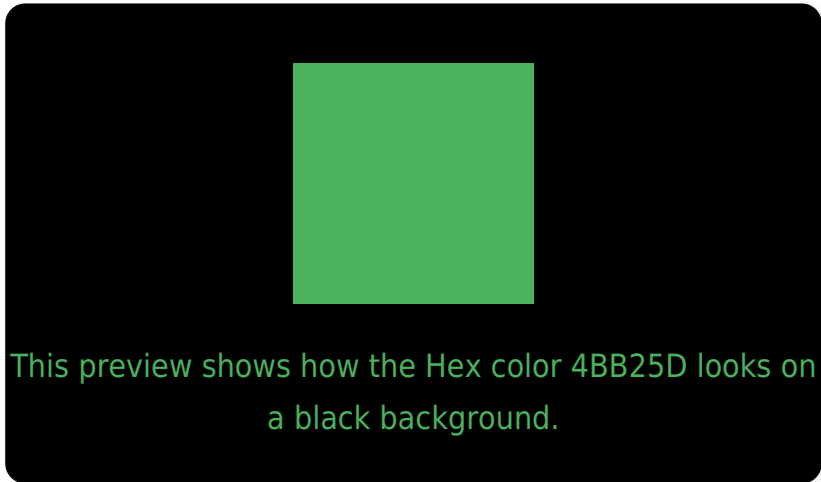
Large Text (above 18pt) WCAG AA × Fail

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 4BB25D Background



This preview shows how black text looks on a background with the Hex color 4BB25D.

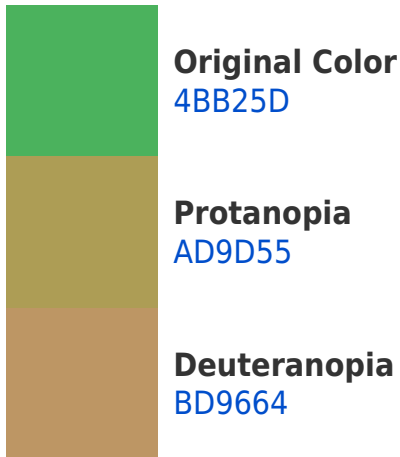


This preview shows how white text looks on a background with the Hex color 4BB25D.

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](#).

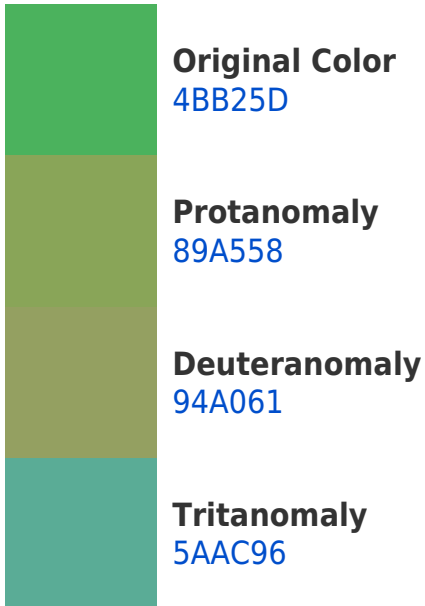
Dichromacy



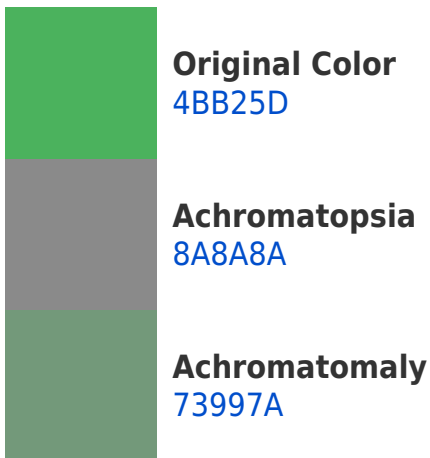


Tritanopia
62A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4BB25D 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 #4BB25D looks like.

```
.text, #text, p{  
    color:#4BB25D  
}
```

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 #4BB25D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB25D
}
```

Border

The CSS property to change the border of an element to Hex 4BB25D 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
#4BB25D }
```

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

```
.border{ border-color:#4BB25D }
```

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

Here you see how a box with a 4 pixel #4BB25D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB25D; -webkit-box-shadow:4px 4px  
4px 4px #4BB25D; box-shadow:4px 4px 4px  
4px #4BB25D }
```

Background

The CSS property to change the background color of an element to Hex 4BB25D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB25D }
```

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

```
.background{ background-color:#4BB25D }
```

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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