

Converting Colors

Hex(4EB250)

Have a look what the booklet for
Hex(4EB250) contains.

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Color

Hex(4EB250)

Conversions

Conversions Part 1

Format	Color
Hex	4EB250
RGB	78, 178, 80
RGB Percent	31%, 70%, 31%
CMY	0.6941, 0.3020, 0.6863
CMYK	0.56, 0.00, 0.55, 0.30
HSL	121°, 39%, 50%
HSV	121°, 56%, 70%
XYZ	20.5102, 34.0397, 13.0787
YIQ	136.9280, -28.1420, -51.6780

Conversions

Conversions Part 2

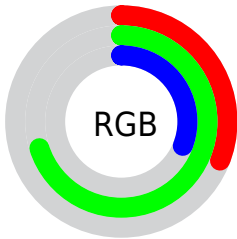
Format	Color
RYB	78, 176, 178
Decimal	5157456
CIELab	64.99, -49.21, 40.96
CIELCh	65, 64.028, 140.224
Yxy	34.0397, 0.3033, 0.5033
Android (android.graphics.Color)	4283347536 (0xFF4EB250)
YUV	136.9280, -28.0655, -51.6799
Hunter-Lab	58.3435, -39.3508, 27.5496

Details

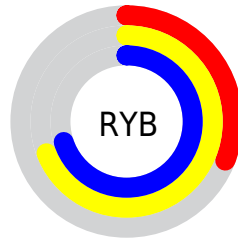
The Hex color **4EB250** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B24EB0**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **87EB84**, and **007C1D** is the 20% darker color. If you saturate the color by 10%, you get **3CB23F**, and if you desaturate by 10%, it is **60B261**.

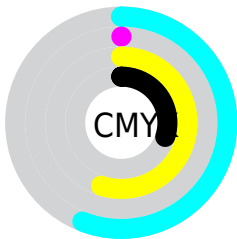
Distribution



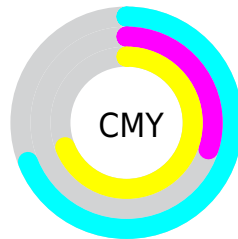
- Red (31%)
- Green (70%)
- Blue (31%)



- Red (31%)
- Yellow (69%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (55%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4EB250 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 4EB250 by changing the saturation by 10% instead.

 4EB250

 4EB250


FFFFFF

 2F9737

 87EB84

 007C1D

 A4FF9E

 006200

 C1FFBA

 004A00

 DEFFD6

 003200

 FCFFF3

 001A00

 000000

 4EB250

 4EB250

 3CB23F

 60B261

 2AB22D

 72B273

 19B21C

 83B284

 07B20A

 95B296

 00B204

 A7B2A7

 B9B2B9

 CBB2CA

 DCB2DC

 EEB2ED

Harmonies

Analogous

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



96A624



4EB250



00B888

Triad

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



4EB250



00AAFF



FF6A7A

Complementary

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



4EB250



B24EB0

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.



FC69B3



4EB250



7B96FF

Square

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



4EB250



00B5F5



D17DE8



F27D46

Rectangle

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



4EB250



00B9B0



D17DE8



FF678C

Sweetspot

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



4EB250



C1E8C1



B0B24E



5E755E



F5F5F5



757575

Same Dimension

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



4EB250



4DE850



4EB282



505951



009903



001A01

Inverse Universe

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



B24EB0



E84DE5



B24E7E



595059



990096



1A0019

Previews

White Background



This preview shows how the Hex color 4EB250 looks on a white background.

Color Contrast Check

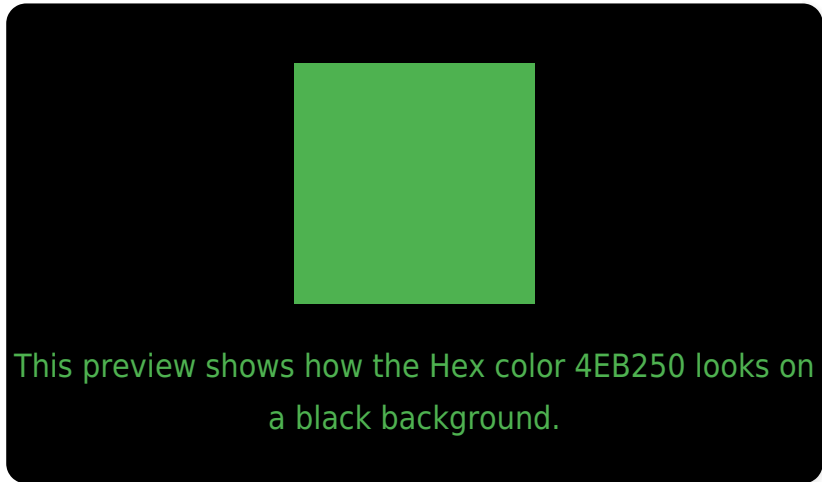
Large Text (above 18pt) WCAG AA × Fail

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

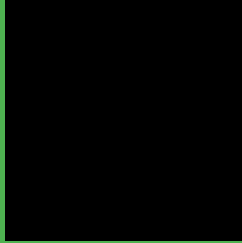
Any Text WCAG AA ✓ Pass

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 4EB250 Background



This preview shows how black text looks on a background with the Hex color 4EB250.

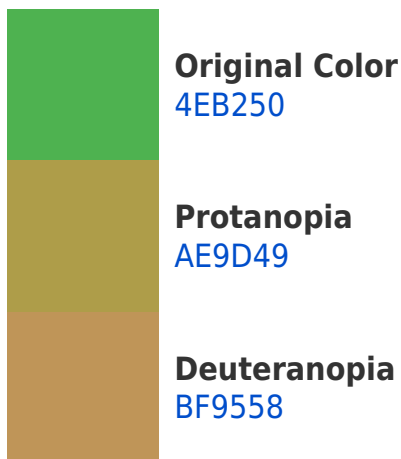


This preview shows how white text looks on a background with the Hex color 4EB250.

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](#).

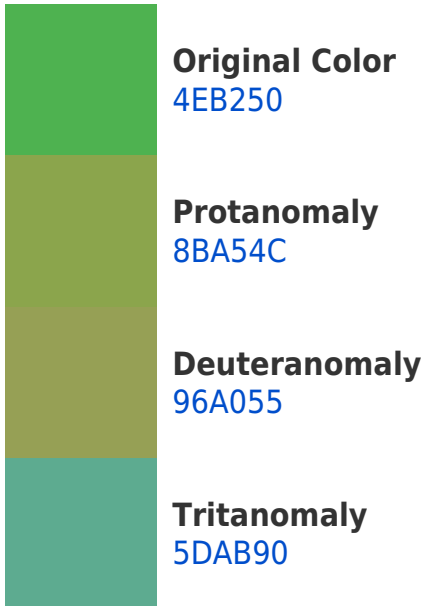
Dichromacy



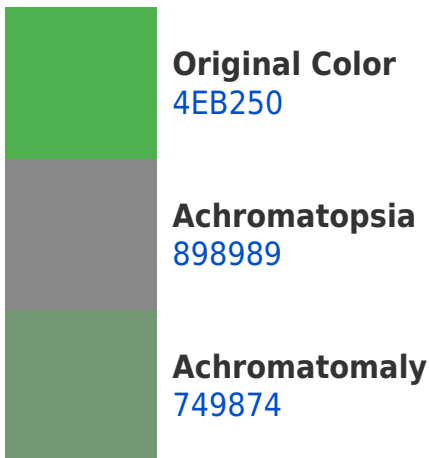


Tritanopia
65A7B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4EB250 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 #4EB250 looks like.

```
.text, #text, p{  
    color:#4EB250  
}
```

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 #4EB250 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4EB250  
}
```

Border

The CSS property to change the border of an element to Hex 4EB250 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  
#4EB250 }
```

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

```
.border{ border-color:#4EB250 }
```

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

Here you see how a box with a 4 pixel #4EB250 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4EB250; -webkit-box-shadow:4px 4px  
4px 4px #4EB250; box-shadow:4px 4px 4px  
4px #4EB250 }
```

Background

The CSS property to change the background color of an element to Hex 4EB250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4EB250 }
```

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

```
.background{ background-color:#4EB250 }
```

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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