

Converting Colors

Hex(4ED458)

Have a look what the booklet for
Hex(4ED458) contains.

Hex(4ED458)	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(4ED458)

Conversions

Conversions Part 1

Format	Color
Hex	4ED458
RGB	78, 212, 88
RGB Percent	31%, 83%, 35%
CMY	0.6941, 0.1686, 0.6549
CMYK	0.63, 0.00, 0.58, 0.17
HSL	124°, 61%, 57%
HSV	124°, 63%, 83%
XYZ	28.4468, 49.4112, 17.2705
YIQ	157.7980, -40.0600, -66.9720

Conversions

Conversions Part 2

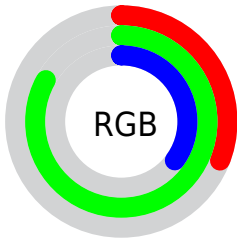
Format	Color
RYB	78, 203, 212
Decimal	5166168
CIELab	75.71, -60.83, 49.85
CIELCh	76, 78.651, 140.666
Yxy	49.4112, 0.2990, 0.5194
Android (android.graphics.Color)	4283356248 (0xFF4ED458)
YUV	157.7980, -34.4104, -69.9828
Hunter-Lab	70.2931, -50.7761, 34.6380

Details

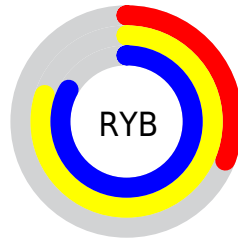
The Hex color **4ED458** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted green. A complement of this color would be **D44ECA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **8CFF8D**, and **009C22** is the 20% darker color. If you saturate the color by 10%, you get **39D444**, and if you desaturate by 10%, it is **63D46C**.

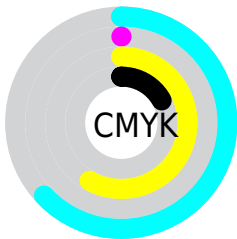
Distribution



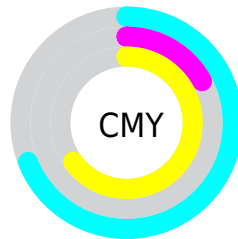
- Red (31%)
- Green (83%)
- Blue (35%)



- Red (31%)
- Yellow (80%)
- Blue (83%)



- Cyan (63%)
- Magenta (0%)
- Yellow (58%)
- Black (17%)



- Cyan (69%)
- Magenta (17%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED458 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 4ED458 by changing the saturation by 10% instead.

 4ED458

 4ED458

FFFFFF

 28B83E

 8CFF8D

 009C22

 AAFFA9

 008100

 C9FFC5

 006700

 E7FFE1

 004D00

 003600

 001C00

 000000

 4ED458

 4ED458

 39D444

 63D46C

 24D431

 78D47F

 0ED41D

 8ED493

 00D410

 A3D4A6

 B8D4BA

 CDD4CE

 E2D4E1

 F8D4F5

 FFD4FF

Harmonies

Analogous

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



AEC614



4ED458



00DBA1

Triad

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



4ED458



00CAFF



FF768C

Complementary

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



4ED458



D44ECA

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



4ED458



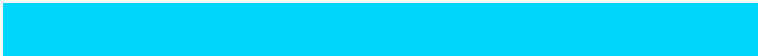
8CB1FF

Square

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



4ED458



00D7FF



FB90FF



FF914A

Rectangle

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



4ED458



00DCD3



FB90FF



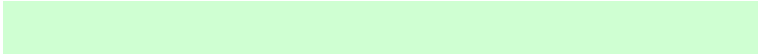
FF71A4

Sweetspot

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



4ED458



CFFFD2



CBD44E



628064



000000



808080

Same Dimension

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



4ED458



3DFF4C



4ED49A



606B61



00AB0D



002B03

Inverse Universe

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



D44ECA



FF3DF1



D44E88



6B606A



AB009E



2B0028

Previews

White Background



This preview shows how the Hex color 4ED458 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



This preview shows how the Hex color 4ED458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

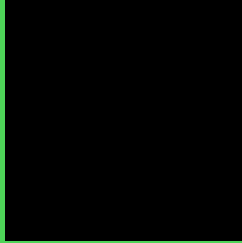
Any Text WCAG AA ✓ Pass

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 4ED458 Background



This preview shows how black text looks on a background with the Hex color 4ED458.

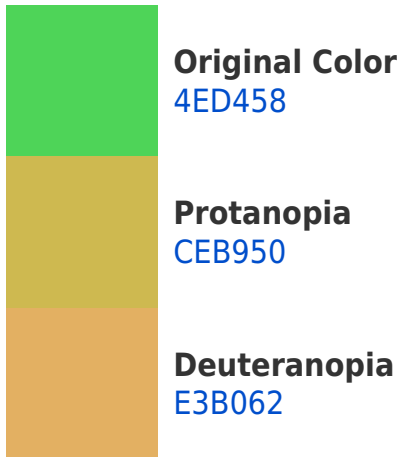


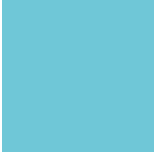
This preview shows how white text looks on a background with the Hex color 4ED458.

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](#).

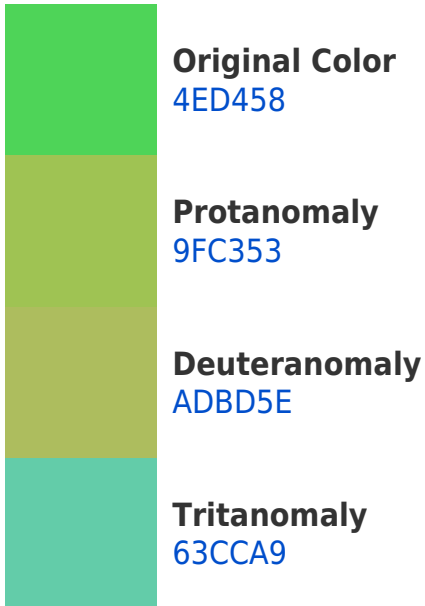
Dichromacy



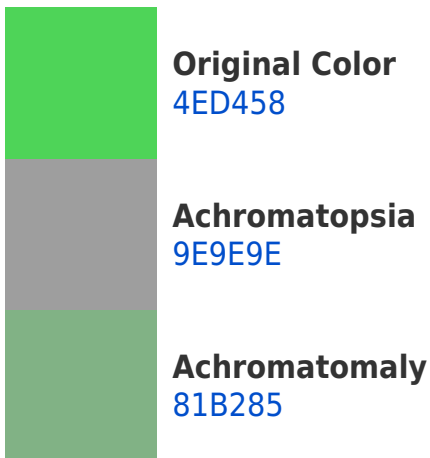


Tritanopia
6FC7D7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED458 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 #4ED458 looks like.

```
.text, #text, p{  
    color:#4ED458  
}
```

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 #4ED458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED458
}
```

Border

The CSS property to change the border of an element to Hex 4ED458 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
#4ED458 }
```

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

```
.border{ border-color:#4ED458 }
```

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

Here you see how a box with a 4 pixel #4ED458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED458; -webkit-box-shadow:4px 4px  
4px 4px #4ED458; box-shadow:4px 4px 4px  
4px #4ED458 }
```

Background

The CSS property to change the background color of an element to Hex 4ED458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED458 }
```

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

```
.background{ background-color:#4ED458 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor