

# Converting Colors

Hex(4FE628)

Have a look what the booklet for  
Hex(4FE628) contains.

<b>Hex(4FE628)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(4FE628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FE628
RGB	79, 230, 40
RGB Percent	31%, 90%, 16%
CMY	0.6902, 0.0980, 0.8431
CMYK	0.66, 0.00, 0.83, 0.10
HSL	108°, 79%, 53%
HSV	108°, 83%, 90%
XYZ	31.9043, 58.4091, 11.6000
YIQ	163.1910, -29.0060, -91.1020

# Conversions

## Conversions Part 2

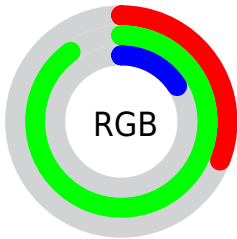
<b>Format</b>	<b>Color</b>
<b>RYB</b>	40, 230, 191
Decimal	5236264
CIELab	80.97, -70.47, 72.37
CIELCh	81, 101.010, 134.237
Yxy	58.4091, 0.3131, 0.5731
Android (android.graphics.Color)	4283426344 (0xFF4FE628)
YUV	163.1910, -60.7332, -73.8355
Hunter-Lab	76.4258, -59.2297, 44.4990

# Details

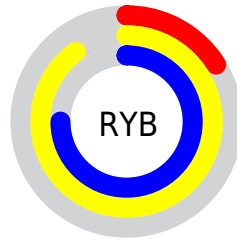
The Hex color **4FE628** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **BF28E6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **92FF67**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **3DE611**, and if you desaturate by 10%, it is **61E63F**.

# Distribution



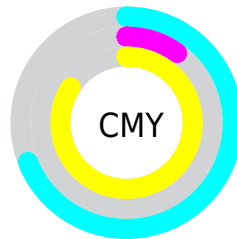
- Red (31%)
- Green (90%)
- Blue (16%)



- Red (16%)
- Yellow (90%)
- Blue (75%)



- Cyan (66%)
- Magenta (0%)
- Yellow (83%)
- Black (10%)



- Cyan (69%)
- Magenta (10%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FE628 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 4FE628 by changing the saturation by 10% instead.



 4FE628

 4FE628

FFFFFF

 21C900

 92FF67

 00AD00

 B1FF84

 009100

 D1FFA1

 007600

 F0FFBE

 005C00

 FFFFDB

 004300

 FFFFF9

 002A00

 000700

 000000

 4FE628

 4FE628

 3DE611

 61E63F

 2FE600

 74E656

 86E66D

 98E684

 AAE69B

 BDE6B2

 CFE6C9

 E1E6E0

 F4E6F7

# Harmonies

## Analogous

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



C8D300



4FE628



00F092

# Triad

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



4FE628



00E2FF



FF59A0

# Complementary

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



4FE628



BF28E6

# 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.



FF65FF



4FE628



00C5FF

# Square

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



4FE628



00F0FF



FF98FF



FF8446

# Rectangle

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



4FE628



00F2D4



FF98FF



FF55C0

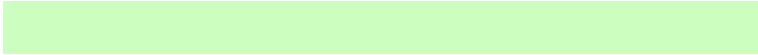


# Sweetspot

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



4FE628



CCFFBF



E6BD28



618059



000000



808080



# Same Dimension

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



4FE628



36FF03



28E65E



6A7367



25B300



0A3300



# Inverse Universe

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



BF28E6



CB03FF



E628B0



706773



8E00B3

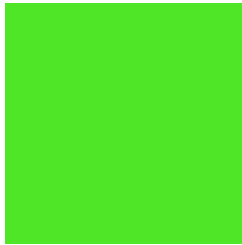


290033



# Previews

## White Background



This preview shows how the Hex color 4FE628 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 4FE628 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

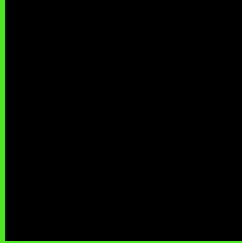
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4FE628 Background



This preview shows how black text looks on a background with the Hex color 4FE628.

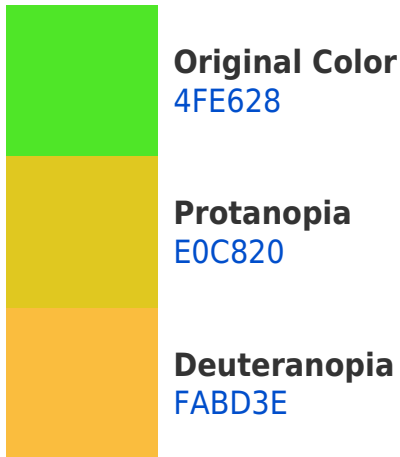


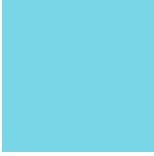
This preview shows how white text looks on a background with the Hex color 4FE628.

# 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**  
78D6E7

# Trichromacy



**Original Color**  
4FE628



**Protanomaly**  
ABD323



**Deuteranomaly**  
BCCC36



**Tritanomaly**  
69DCA2

# Monochromacy



**Original Color**  
4FE628



**Achromatopsia**  
A3A3A3



**Achromatomaly**  
84BB76

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FE628 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 #4FE628 looks like.

```
.text, #text, p{  
    color:#4FE628  
}
```

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 #4FE628 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FE628
}
```

## Border

The CSS property to change the border of an element to Hex 4FE628 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
#4FE628 }
```

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

```
.border{ border-color:#4FE628 }
```

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

Here you see how a box with a 4 pixel #4FE628 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FE628; -webkit-box-shadow:4px 4px  
4px 4px #4FE628; box-shadow:4px 4px 4px  
4px #4FE628 }
```

# Background

The CSS property to change the background color of an element to Hex 4FE628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FE628 }
```

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

```
.background{ background-color:#4FE628 }
```

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