

# Converting Colors

Hex(4FDB24)

Have a look what the booklet for  
Hex(4FDB24) contains.

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**Color**

**Hex(4FDB24)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4FDB24
RGB	79, 219, 36
RGB Percent	31%, 86%, 14%
CMY	0.6902, 0.1412, 0.8588
CMYK	0.64, 0.00, 0.84, 0.14
HSL	106°, 72%, 50%
HSV	106°, 84%, 86%
XYZ	28.8744, 52.4527, 10.2716
YIQ	156.2780, -24.6970, -86.5930

# Conversions

## Conversions Part 2

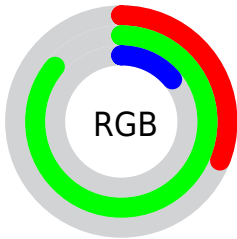
Format	Color
<b>RYB</b>	36, 219, 176
Decimal	5233444
CIELab	77.55, -67.12, 70.25
CIELCh	78, 97.157, 133.693
Yxy	52.4527, 0.3152, 0.5726
Android (android.graphics.Color)	4283423524 (0xFF4FDB24)
YUV	156.2780, -59.2971, -67.7728
Hunter-Lab	72.4242, -55.5772, 42.2881

# Details

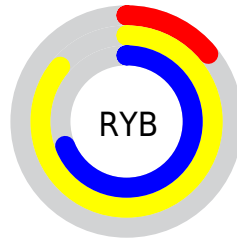
The Hex color **4FDB24** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **B024DB**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **90FF63**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **3EDB0E**, and if you desaturate by 10%, it is **60DB3A**.

# Distribution



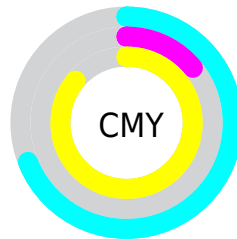
- Red (31%)
- Green (86%)
- Blue (14%)



- Red (14%)
- Yellow (86%)
- Blue (69%)



- Cyan (64%)
- Magenta (0%)
- Yellow (84%)
- Black (14%)



- Cyan (69%)
- Magenta (14%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4FDB24 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 4FDB24 by changing the saturation by 10% instead.



 4FDB24

 4FDB24

FFFFFF

 25BE00

 90FF63

 00A300

 AFFF80

 008700

 CEFF9C

 006D00

 EDFFB9

 005300

 FFFFD6

 003B00

 FFFFF4

 002200

 000000

 4FDB24

 4FDB24

 3EDB0E

 60DB3A

 33DB00

 71DB50

 81DB66

 92DB7C

 A3DB92

 B4DBA7

 C4DBBD

 D5DBD3

 E6DBE9

# Harmonies

## Analogous

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



C0C800



4FDB24



00E489

# Triad

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



4FDB24



00D8FF



FF559B

# Complementary

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



4FDB24



B024DB

# 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.



FF61F5



4FDB24



00BDFE

# Square

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



4FDB24



00E4FF



F592FF



FF7D44

# Rectangle

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



4FDB24



00E7C9



F592FF



FF51B8

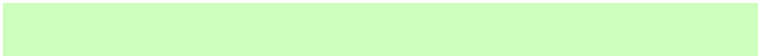


# Sweetspot

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



4FDB24



CEFFBF



DBAD24



628059



000000



808080



# Same Dimension

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



4FDB24



3CFF00



24DB52



656E63



29AD00



0B2E00



# Inverse Universe

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



B024DB



C300FF



DB24AD



6B636E



8500AD

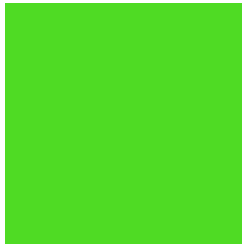


23002E



# Previews

## White Background



This preview shows how the Hex color 4FDB24 looks on a white background.

## Color Contrast Check

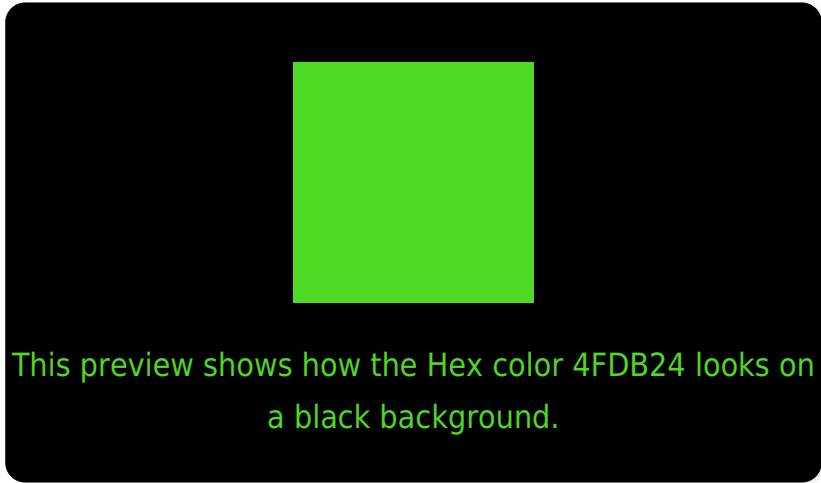
Large Text (above 18pt) WCAG AA × Fail

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

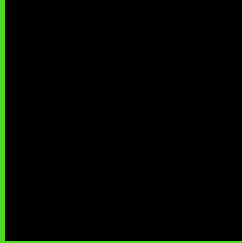
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4FDB24 Background



This preview shows how black text looks on a background with the Hex color 4FDB24.

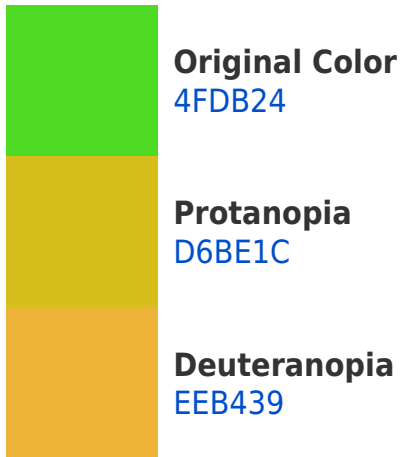


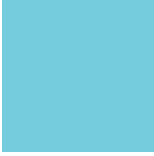
This preview shows how white text looks on a background with the Hex color 4FDB24.

# 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





# Trichromacy



**Original Color**  
4FDB24



**Protanomaly**  
A5C91F



**Deuteranomaly**  
B4C231



**Tritanomaly**  
67D199

# Monochromacy



**Original Color**  
4FDB24



**Achromatopsia**  
9C9C9C



**Achromatomaly**  
80B370

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4FDB24 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 #4FDB24 looks like.

```
.text, #text, p{  
    color:#4FDB24  
}
```

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 #4FDB24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FDB24
}
```

## Border

The CSS property to change the border of an element to Hex 4FDB24 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
#4FDB24 }
```

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

```
.border{ border-color:#4FDB24 }
```

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

Here you see how a box with a 4 pixel #4FDB24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FDB24; -webkit-box-shadow:4px 4px  
4px 4px #4FDB24; box-shadow:4px 4px 4px  
4px #4FDB24 }
```

# Background

The CSS property to change the background color of an element to Hex 4FDB24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FDB24 }
```

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

```
.background{ background-color:#4FDB24 }
```

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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