

Converting Colors

Hex(4DF220)

Have a look what the booklet for
Hex(4DF220) contains.

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Color

Hex(4DF220)

Conversions

Conversions Part 1

Format	Color
Hex	4DF220
RGB	77, 242, 32
RGB Percent	30%, 95%, 13%
CMY	0.6980, 0.0510, 0.8745
CMYK	0.68, 0.00, 0.87, 0.05
HSL	107°, 89%, 54%
HSV	107°, 87%, 95%
XYZ	35.0734, 65.1863, 12.1002
YIQ	168.7250, -30.9300, -100.2900

Conversions

Conversions Part 2

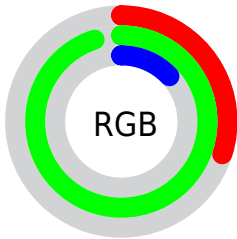
Format	Color
RYB	32, 242, 197
Decimal	5108256
CIELab	84.58, -74.90, 77.26
CIELCh	85, 107.605, 134.112
Yxy	65.1863, 0.3122, 0.5802
Android (android.graphics.Color)	4283298336 (0xFF4DF220)
YUV	168.7250, -67.4054, -80.4428
Hunter-Lab	80.7380, -63.7494, 47.6309

Details

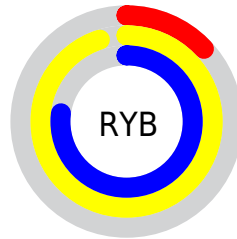
The Hex color **4DF220** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **C520F2**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **93FF65**, and **00B800** is the 20% darker color. If you saturate the color by 10%, you get **3AF208**, and if you desaturate by 10%, it is **60F238**.

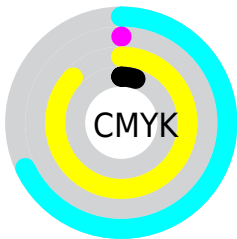
Distribution



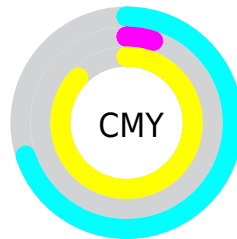
- Red (30%)
- Green (95%)
- Blue (13%)



- Red (13%)
- Yellow (95%)
- Blue (77%)



- Cyan (68%)
- Magenta (0%)
- Yellow (87%)
- Black (5%)



- Cyan (70%)
- Magenta (5%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4DF220 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 4DF220 by changing the saturation by 10% instead.

 4DF220

 4DF220


FFFFFF

 17D500

 93FF65

 00B800

 B3FF82

 009C00

 D3FF9F

 008100

 F2FFBD

 006600

 FFFFDA

 004C00

 FFFFF8

 003400

 001900

 000000

 4DF220

 4DF220

 3AF208

 60F238

 34F200

 73F250

 86F269

 99F281

 ACF299

 BFF2B1

 D2F2C9

 E5F2E2

 F8F2FA

Harmonies

Analogous

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



D1DE00



4DF220



00FC97

Triad

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



4DF220



00EEFF



FF57A8

Complementary

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



4DF220



C520F2

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



4DF220



00D0FF

Square

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



4DF220



00FCFF



FF9EFF



FF8846

Rectangle

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



4DF220



00FFDF



FF9EFF



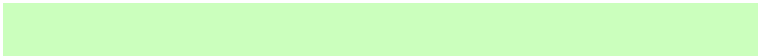
FF51CA

Sweetspot

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



4DF220



CBFFBD



F2C520



608058



000000



808080

Same Dimension

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



4DF220



37FF00



20F25B



6E786C



27B800



0C3800

Inverse Universe

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



C520F2



C800FF



F220B7



756C78



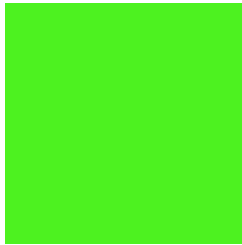
9000B8



2C0038

Previews

White Background



This preview shows how the Hex color 4DF220 looks on a white background.

Color Contrast Check

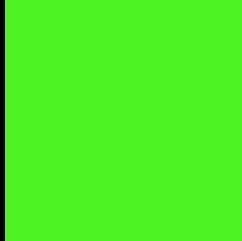
Large Text (above 18pt) WCAG AA × Fail

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 4DF220 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

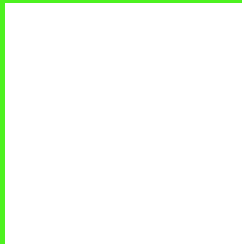
Any Text WCAG AAA ✓ Pass

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

Hex 4DF220 Background



This preview shows how black text looks on a background with the Hex color 4DF220.

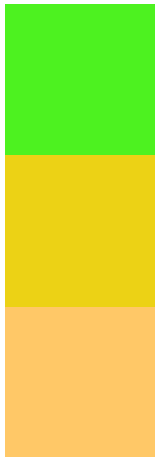


This preview shows how white text looks on a background with the Hex color 4DF220.

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](#).

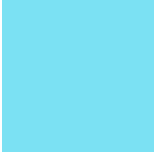
Dichromacy



Original Color
4DF220

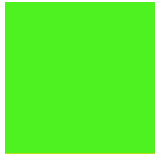
Protanopia
ECD215

Deuteranopia
FFC867



Tritanopia
7BE1F3

Trichromacy



Original Color
4DF220



Protanomaly
B2DE19

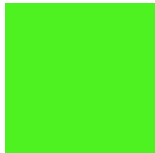


Deuteranomaly
BED74D

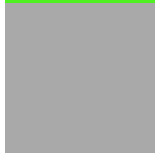


Tritanomaly
6AE7A6

Monochromacy



Original Color
4DF220



Achromatopsia
A9A9A9



Achromatomaly
88C477

CSS Examples

Text

The CSS property to change the color of the text to Hex 4DF220 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 #4DF220 looks like.

```
.text, #text, p{  
    color:#4DF220  
}
```

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 #4DF220 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DF220
}
```

Border

The CSS property to change the border of an element to Hex 4DF220 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
#4DF220 }
```

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

```
.border{ border-color:#4DF220 }
```

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

Here you see how a box with a 4 pixel #4DF220 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DF220; -webkit-box-shadow:4px 4px  
4px 4px #4DF220; box-shadow:4px 4px 4px  
4px #4DF220 }
```

Background

The CSS property to change the background color of an element to Hex 4DF220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DF220 }
```

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

```
.background{ background-color:#4DF220 }
```

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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