

Converting Colors

Hex(4FB224)

Have a look what the booklet for
Hex(4FB224) contains.

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Color

Hex(4FB224)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4FB224 |
| RGB | 79, 178, 36 |
| RGB Percent | 31%, 70%, 14% |
| CMY | 0.6902, 0.3020, 0.8588 |
| CMYK | 0.56, 0.00, 0.80, 0.30 |
| HSL | 102°, 66%, 42% |
| HSV | 102°, 80%, 70% |
| XYZ | 19.4633, 33.6304, 7.1346 |
| YIQ | 132.2110, -13.4220, -65.1500 |

Conversions

Conversions Part 2

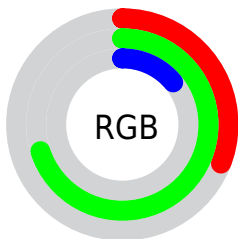
| Format | Color |
|-------------------------------------|--|
| RYB | 36, 178, 135 |
| Decimal | 5222948 |
| CIELab | 64.67, -53.00, 58.45 |
| CIElCh | 65, 78.901, 132.197 |
| Yxy | 33.6304, 0.3232, 0.5584 |
| Android (android.graphics.Color) | 4283413028 (0xFF4FB224) |
| YUV | 132.2110, -47.4320, -46.6660 |
| Hunter-Lab | 57.9917, -41.5771, 33.2999 |

Details

The Hex color **4FB224** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **8724B2**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **8AEB5D**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **43B212**, and if you desaturate by 10%, it is **5BB236**.

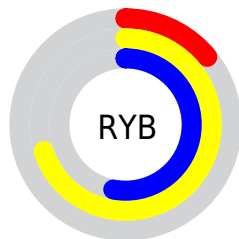
Distribution



Red (31%)

Green (70%)

Blue (14%)



Red (14%)

Yellow (70%)

Blue (53%)

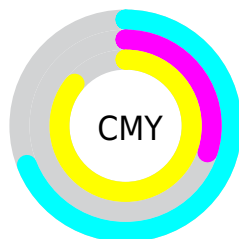


Cyan (56%)

Magenta (0%)

Yellow (80%)

Black (30%)



Cyan (69%)

Magenta (30%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4FB224 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 4FB224 by changing the saturation by 10% instead.



4FB224



4FB224

FFFFFF



2E9700



8AEB5D



007C00



A7FF78



006200



C4FF94



004900



E2FFB0



003200



FFFFCC



001900



FFFFE9



000000



4FB224



4FB224



43B212



5BB236

 36B200

 68B248

 74B259

 81B26B

 8DB27D

 99B28F

 A6B2A1

 B2B2B2

 BFB2C4

Harmonies

Analogous

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



A2A300



4FB224



00BA6F

Triad

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



4FB224



00B0FF



FF4E83

Complementary

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



4FB224



8724B2

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.



FF58CA



4FB224



009CFF

Square

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



4FB224



00BAFB



C37CFF



FF6940

Rectangle

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



4FB224



00BCA0



C37CFF



FF4D9B

Sweetspot

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



4FB224



C1E8B0



B28524



5E7553



F5F5F5



757575

Same Dimension

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



4FB224



4DE809



24B23E



535950



2E9900



081A00

Inverse Universe

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



8724B2



A509E8



B22498



575059



6B0099



12001A

Previews

White Background



This preview shows how the Hex color 4FB224 looks on a white background.

Color Contrast Check

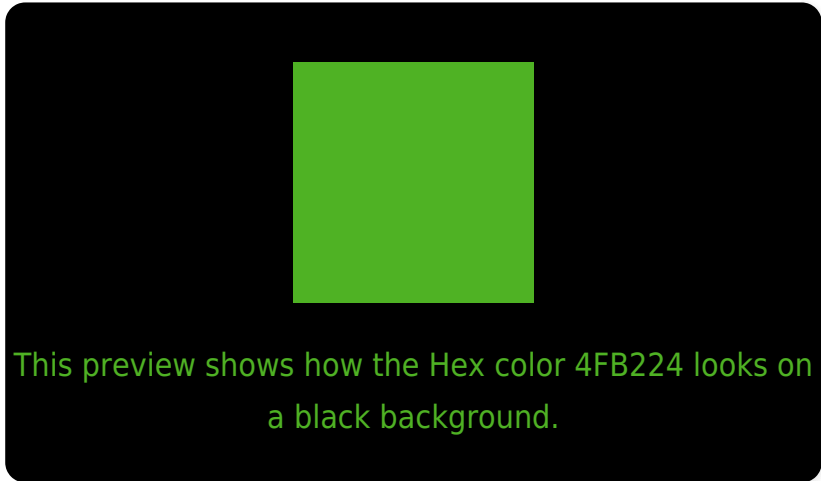
Large Text (above 18pt) WCAG AA × Fail

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

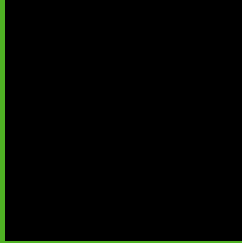
Any Text WCAG AA ✓ Pass

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 4FB224 Background



This preview shows how black text looks on a background with the Hex color 4FB224.



This preview shows how white text looks on a background with the Hex color 4FB224.

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](#).

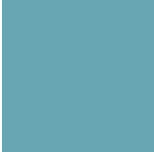
Dichromacy



Original Color
4FB224

Protanopia
AF9C1E

Deuteranopia
C39432



Tritanopia
69A6B3

Trichromacy



Original Color
4FB224



Protanomaly
8CA420



Deuteranomaly
999F2D



Tritanomaly
60AA7F

Monochromacy



Original Color
4FB224



Achromatopsia
848484



Achromatomaly
719561

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB224 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 #4FB224 looks like.

```
.text, #text, p{  
    color:#4FB224  
}
```

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 #4FB224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB224
}
```

Border

The CSS property to change the border of an element to Hex 4FB224 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
#4FB224 }
```

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

```
.border{ border-color:#4FB224 }
```

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

Here you see how a box with a 4 pixel #4FB224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB224; -webkit-box-shadow:4px 4px  
4px 4px #4FB224; box-shadow:4px 4px 4px  
4px #4FB224 }
```

Background

The CSS property to change the background color of an element to Hex 4FB224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB224 }
```

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

```
.background{ background-color:#4FB224 }
```

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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