

Converting Colors

Hex(5F9224)

Have a look what the booklet for
Hex(5F9224) contains.

Hex(5F9224)	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(5F9224)

Conversions

Conversions Part 1

Format	Color
Hex	5F9224
RGB	95, 146, 36
RGB Percent	37%, 57%, 14%
CMY	0.6275, 0.4275, 0.8588
CMYK	0.35, 0.00, 0.75, 0.43
HSL	88°, 60%, 36%
HSV	88°, 75%, 57%
XYZ	15.3166, 23.1180, 5.3240
YIQ	118.2110, 4.9140, -45.0220

Conversions

Conversions Part 2

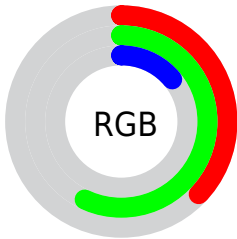
Format	Color
R_{YB}	36, 146, 87
Decimal	6263332
CIE _{Lab}	55.19, -34.78, 49.61
CIE _{LCh}	55, 60.590, 125.031
Yxy	23.1180, 0.3500, 0.5283
Android (android.graphics.Color)	4284453412 (0xFF5F9224)
YUV	118.2110, -40.5300, -20.3560
Hunter-Lab	48.0812, -27.2796, 27.0917

Details

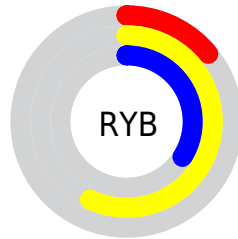
The Hex color **5F9224** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **572492**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **95C859**, and **295F00** is the 20% darker color. If you saturate the color by 10%, you get **589215**, and if you desaturate by 10%, it is **669233**.

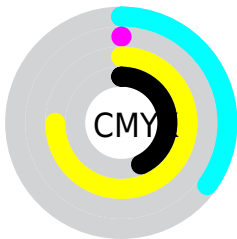
Distribution



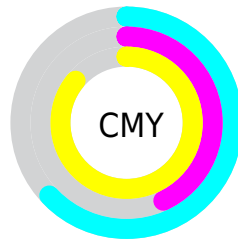
- Red (37%)
- Green (57%)
- Blue (14%)



- Red (14%)
- Yellow (57%)
- Blue (34%)



- Cyan (35%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)



- Cyan (63%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9224 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 5F9224 by changing the saturation by 10% instead.



5F9224



5F9224

FFFFFF



447801



95C859



295F00



B1E573



094700



CEFF8E



003000



EBFFA9



001B00



FFFFC5



000000



FFFFE2



5F9224



5F9224



589215



669233

■ 519207

■ 6D9241

■ 4E9200

■ 739250

■ 7A925E

■ 81926D

■ 88927C

■ 8E928A

■ 959299

■ 9C92A7

Harmonies

Analogous

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



968500



5F9224



009A55

Triad

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



5F9224



0095E3



E14F7D

Complementary

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



5F9224



572492

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.



CA5AB1



5F9224



0087ED

Square

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



5F9224



009CBF



9072DB



DC5B4B

Rectangle

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



5F9224



009C79



9072DB



DD508F

Sweetspot

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



5F9224



A9BD91



925624



525E44



DEDEDE



5E5E5E

Same Dimension

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



5F9224



6EBD13



299224



474A43



4A8A00



050A00

Inverse Universe

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



572492



6213BD



8C2492



46434A



40008A



05000A

Previews

White Background



This preview shows how the Hex color 5F9224 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 5F9224 Background



This preview shows how black text looks on a background with the Hex color 5F9224.

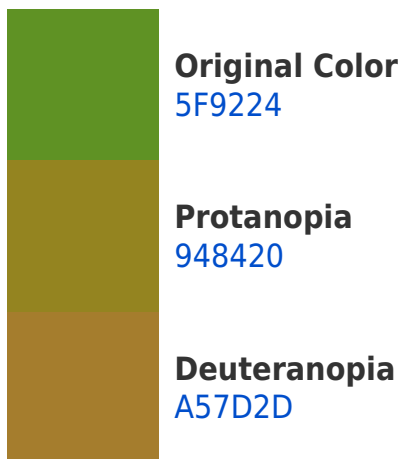


This preview shows how white text looks on a background with the Hex color 5F9224.

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
6E8893

Trichromacy



Original Color
5F9224

Protanomaly
818921

Deuteranomaly
8C852A

Tritanomaly
698C6B

Monochromacy



Original Color
5F9224

Achromatopsia
767676

Achromatomaly
6E8058

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9224 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 #5F9224 looks like.

```
.text, #text, p{  
    color:#5F9224  
}
```

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 #5F9224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9224
}
```

Border

The CSS property to change the border of an element to Hex 5F9224 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
#5F9224 }
```

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

```
.border{ border-color:#5F9224 }
```

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

Here you see how a box with a 4 pixel #5F9224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9224; -webkit-box-shadow:4px 4px  
4px 4px #5F9224; box-shadow:4px 4px 4px  
4px #5F9224 }
```

Background

The CSS property to change the background color of an element to Hex 5F9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9224 }
```

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

```
.background{ background-color:#5F9224 }
```

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