

Converting Colors

Hex(1F9224)

Have a look what the booklet for
Hex(1F9224) contains.

Hex(1F9224)	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(1F9224)

Conversions

Conversions Part 1

Format	Color
Hex	1F9224
RGB	31, 146, 36
RGB Percent	12%, 57%, 14%
CMY	0.8784, 0.4275, 0.8588
CMYK	0.79, 0.00, 0.75, 0.43
HSL	123°, 65%, 35%
HSV	123°, 79%, 57%
XYZ	11.1624, 20.9764, 5.1296
YIQ	99.0750, -33.2300, -58.5900

Conversions

Conversions Part 2

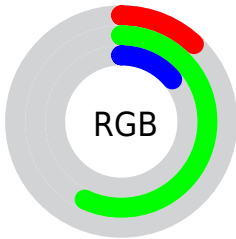
Format	Color
R_{YB}	31, 141, 146
Decimal	2069028
CIE _{Lab}	52.92, -52.23, 46.60
CIE _{LCh}	53, 69.997, 138.260
Yxy	20.9764, 0.2995, 0.5628
Android (android.graphics.Color)	4280259108 (0xFF1F9224)
YUV	99.0750, -31.0960, -59.7018
Hunter-Lab	45.8001, -36.6461, 25.4196

Details

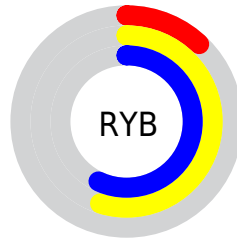
The Hex color **1F9224** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **921F8D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **61C958**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **109216**, and if you desaturate by 10%, it is **2E9232**.

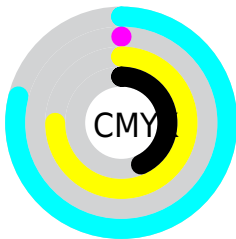
Distribution



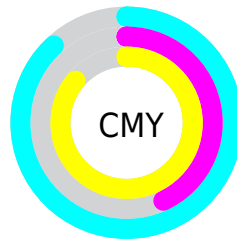
- Red (12%)
- Green (57%)
- Blue (14%)



- Red (12%)
- Yellow (55%)
- Blue (57%)



- Cyan (79%)
- Magenta (0%)
- Yellow (75%)
- Black (43%)



- Cyan (88%)
- Magenta (43%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1F9224 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 1F9224 by changing the saturation by 10% instead.



1F9224



1F9224

FFFFFF



007802



61C958



005E00



7EE672



004500



9BFF8D



002F00



B8FFA8



001200



D5FFC4



000000



F3FFE1

FFFFFFE



1F9224



1F9224

■ 109216

■ 2E9232

■ 029208

■ 3C9240

■ 009206

■ 4B924E

■ 59925C

■ 68926A

■ 779278

■ 859286

■ 949294

■ A292A2

Harmonies

Analogous

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



768700



1F9224



009864

Triad

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



1F9224



008CF5



E73C5D

Complementary

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



1F9224



921F8D

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.



DD3D99



1F9224



3C79F2

Square

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



1F9224



0096D8



AD5BCF



D45723

Rectangle

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



1F9224



00998E



AD5BCF



E73770

Sweetspot

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



1F9224



8FBD91



8E921F



435E44



DEDEDE



5E5E5E

Same Dimension

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



1F9224



09BD11



1F925C



434A43



008A06



000A00

Inverse Universe

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



921F8D



BD09B5



921F55



4A434A



8A0084



0A000A

Previews

White Background



This preview shows how the Hex color 1F9224 looks on a white background.

Color Contrast Check

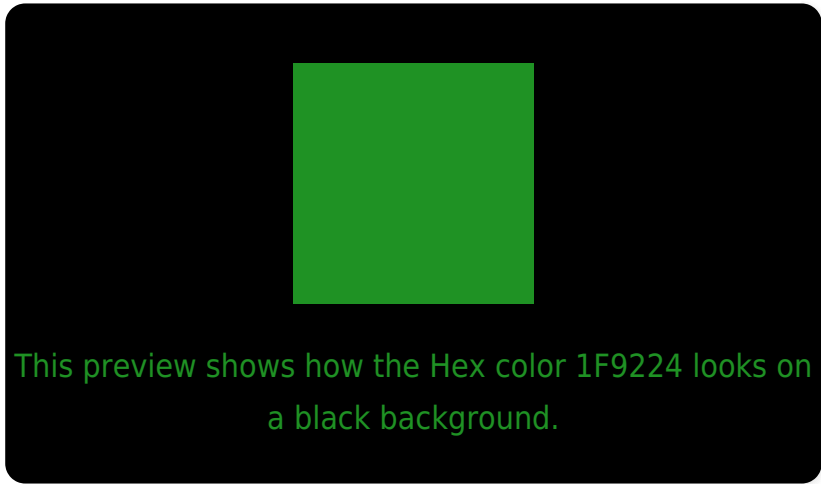
Large Text (above 18pt) WCAG AA ✓ Pass

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

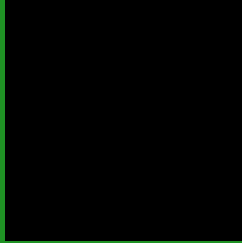
Any Text WCAG AA ✓ Pass

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 1F9224 Background



This preview shows how black text looks on a background with the Hex color 1F9224.



This preview shows how white text looks on a background with the Hex color 1F9224.

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
1F9224

Protanopia
8D7E1F

Deuteranopia
9C772F



Tritanopia
428893

Trichromacy



Original Color
1F9224



Protanomaly
658521



Deuteranomaly
6F812B



Tritanomaly
358C6B

Monochromacy



Original Color
1F9224



Achromatopsia
636363



Achromatomaly
4A744C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1F9224 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 #1F9224 looks like.

```
.text, #text, p{  
    color:#1F9224  
}
```

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 #1F9224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F9224
}
```

Border

The CSS property to change the border of an element to Hex 1F9224 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
#1F9224 }
```

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

```
.border{ border-color:#1F9224 }
```

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

Here you see how a box with a 4 pixel #1F9224 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F9224; -webkit-box-shadow:4px 4px  
4px 4px #1F9224; box-shadow:4px 4px 4px  
4px #1F9224 }
```

Background

The CSS property to change the background color of an element to Hex 1F9224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F9224 }
```

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

```
.background{ background-color:#1F9224 }
```

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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