

# Converting Colors

Hex(92F290)

Have a look what the booklet for  
Hex(92F290) contains.

<b>Hex(92F290)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(92F290)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92F290
RGB	146, 242, 144
RGB Percent	57%, 95%, 56%
CMY	0.4275, 0.0510, 0.4353
CMYK	0.40, 0.00, 0.40, 0.05
HSL	119°, 79%, 76%
HSV	119°, 40%, 95%
XYZ	48.6402, 71.6289, 37.6477
YIQ	202.1240, -25.7580, -50.8300

# Conversions

## Conversions Part 2

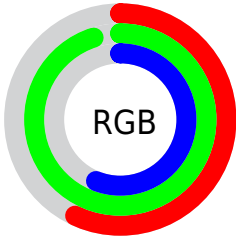
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 242, 240
Decimal	9630352
CIELab	87.79, -47.43, 38.57
CIELCh	88, 61.138, 140.883
Yxy	71.6289, 0.3080, 0.4536
Android (android.graphics.Color)	4287820432 (0xFF92F290)
YUV	202.1240, -28.6551, -49.2207
Hunter-Lab	84.6338, -45.5228, 32.8697

# Details

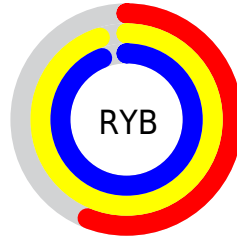
The Hex color **92F290** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F090F2**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CBFFC7**, and **59B95C** is the 20% darker color. If you saturate the color by 10%, you get **7AF278**, and if you desaturate by 10%, it is **AAF2A8**.

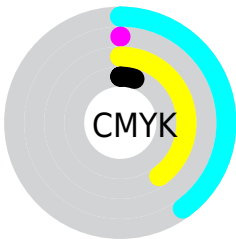
# Distribution



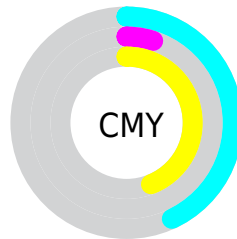
- Red (57%)
- Green (95%)
- Blue (56%)



- Red (56%)
- Yellow (95%)
- Blue (94%)



- Cyan (40%)
- Magenta (0%)
- Yellow (40%)
- Black (5%)



- Cyan (43%)
- Magenta (5%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92F290 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 92F290 by changing the saturation by 10% instead.



 92F290

 92F290

FFFFFF

 76D576

 CBFFC7

 59B95C

 E9FFE3

 3C9E43

 19832A

 006910


 005000

 003800

 002200

 000000

 92F290

 92F290

 7AF278

 AAF2A8

 63F260

 C1F2C0

 4BF247

 D9F2D9

 33F22F

 F1F2F1

 1BF217

 FFF2FF

 05F200

# Harmonies

## Analogous

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



D6E56B



92F290



00F9C8

# Triad

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



92F290



34E8FF



FFADB6

# Complementary

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



92F290



F090F2

# 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.



FFADF0



92F290



C4D4FF

# Square

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



92F290



00F4FF



FFBDF5



FFB74D

# Rectangle

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



92F290



00FAF0



FFBDFD



FFABC9

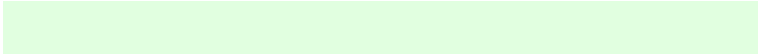


# Sweetspot

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



92F290



E1FFE0



F2EF90



6E806E



000000



808080



# Same Dimension

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



92F290



85FF82



90F2BE



6C786C



04B800



013800



# Inverse Universe

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



F090F2



FC82FF



F290C4



786C78



B400B8

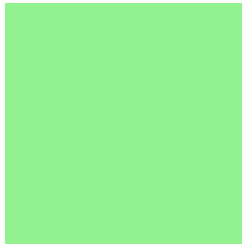


370038



# Previews

## White Background



This preview shows how the Hex color 92F290 looks on a white background.

## Color Contrast Check

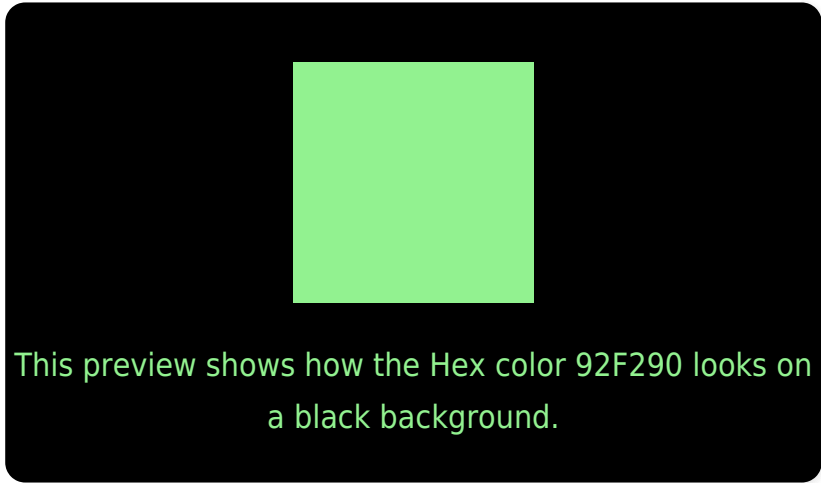
Large Text (above 18pt) WCAG AA × Fail

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

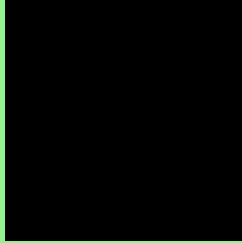
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 92F290 Background



This preview shows how black text looks on a background with the Hex color 92F290.

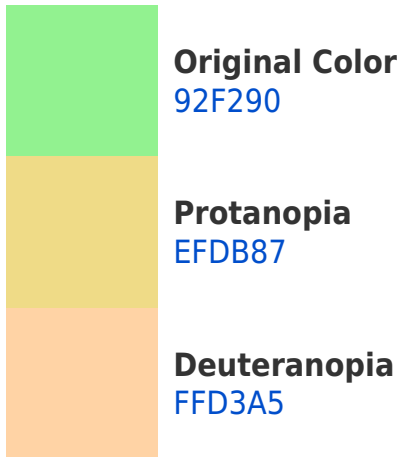


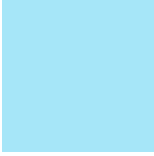
This preview shows how white text looks on a background with the Hex color 92F290.

# 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**  
A6E6F8

# Trichromacy



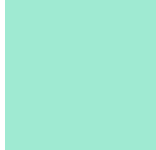
**Original Color**  
92F290



**Protanomaly**  
CDE38A



**Deuteranomaly**  
D7DE9D

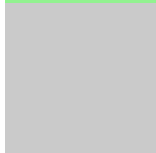


**Tritanomaly**  
9FEAD2

# Monochromacy



**Original Color**  
92F290



**Achromatopsia**  
CACACA



**Achromatomaly**  
B6D9B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92F290 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 #92F290 looks like.

```
.text, #text, p{  
    color:#92F290  
}
```

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 #92F290 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92F290
}
```

## Border

The CSS property to change the border of an element to Hex 92F290 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
#92F290 }
```

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

```
.border{ border-color:#92F290 }
```

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

Here you see how a box with a 4 pixel #92F290 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92F290; -webkit-box-shadow:4px 4px  
4px 4px #92F290; box-shadow:4px 4px 4px  
4px #92F290 }
```

# Background

The CSS property to change the background color of an element to Hex 92F290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92F290 }
```

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

```
.background{ background-color:#92F290 }
```

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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