

# Converting Colors

Hex(90F450)

Have a look what the booklet for  
Hex(90F450) contains.

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**Color**

**Hex(90F450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90F450
RGB	144, 244, 80
RGB Percent	56%, 96%, 31%
CMY	0.4353, 0.0431, 0.6863
CMYK	0.41, 0.00, 0.67, 0.04
HSL	97°, 88%, 64%
HSV	97°, 67%, 96%
XYZ	45.3003, 71.2098, 18.9467
YIQ	195.4040, -6.9560, -72.2040

# Conversions

## Conversions Part 2

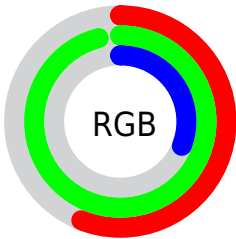
Format	Color
<a href="#">RYB</a>	80, 244, 180
Decimal	9499728
CIELab	87.59, -55.93, 66.94
CIELCh	88, 87.232, 129.881
Yxy	71.2098, 0.3344, 0.5257
Android (android.graphics.Color)	4287689808 (0xFF90F450)
YUV	195.4040, -56.8942, -45.0813
Hunter-Lab	84.3859, -51.8526, 45.7581

# Details

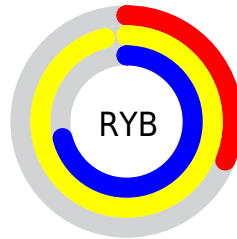
The Hex color **90F450** is a light color, and the websafe version is hex **99FF66**. The color can be described as light muted chartreuse. A complement of this color would be **B450F4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **CBFF89**, and **54BB06** is the 20% darker color. If you saturate the color by 10%, you get **81F438**, and if you desaturate by 10%, it is **9FF468**.

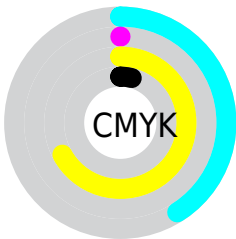
# Distribution



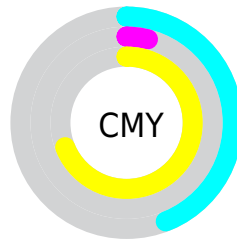
- Red (56%)
- Green (96%)
- Blue (31%)



- Red (31%)
- Yellow (96%)
- Blue (71%)



- Cyan (41%)
- Magenta (0%)
- Yellow (67%)
- Black (4%)



- Cyan (44%)
- Magenta (4%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90F450 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 90F450 by changing the saturation by 10% instead.



 90F450

 90F450

FFFFFF

 72D732

 CBFF89

 54BB06

 E9FFA5

 329F00

 FFFFC2

 008500

 FFFFDF

 006A00

 FFFFFC

 005100

 003900

 002200

 000000

 90F450

 90F450

 81F438

 9FF468

 72F41F

 AEF481

 63F407

 BDF499

 5FF400

 CCF4B2

 DAF4CA

 E9F4E2

 F8F4FB

 FFF4FF

# Harmonies

## Analogous

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



EBE00B



90F450



00FF9F

# Triad

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



90F450



00F4FF



FF89C4

# Complementary

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



90F450



B450F4

# 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.



FF95FF



90F450



4BDCFF

# Square

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



90F450



00FFFF



FFB9FF



FF9F75

# Rectangle

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



90F450



00FFD9



FFB9FF



FF88DF

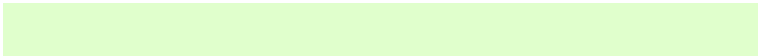


# Sweetspot

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



90F450



E0FFCC



F4B250



6D8061



000000



808080



# Same Dimension

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



90F450



81FF30



50F460



737A6E



49BA00



173B00



# Inverse Universe

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



B450F4



AE30FF



F450E4



766E7A



7200BA

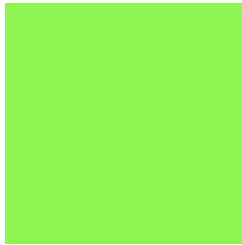


24003B



# Previews

## White Background



This preview shows how the Hex color 90F450 looks on a white background.

## Color Contrast Check

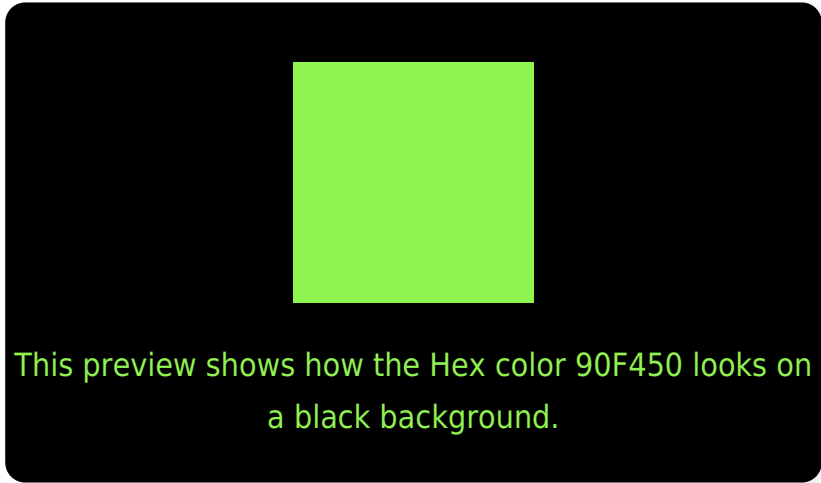
Large Text (above 18pt) WCAG AA × Fail

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 90F450 Background



This preview shows how black text looks on a background with the Hex color 90F450.

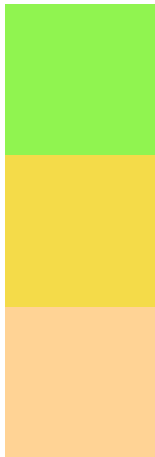


This preview shows how white text looks on a background with the Hex color 90F450.

# 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**  
90F450

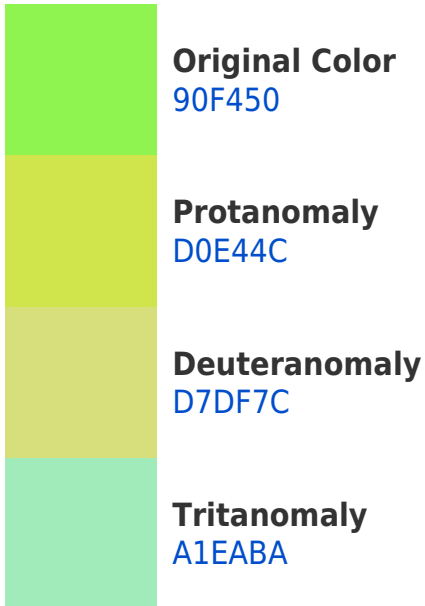
**Protanopia**  
F4DB49

**Deuteranopia**  
FFD395

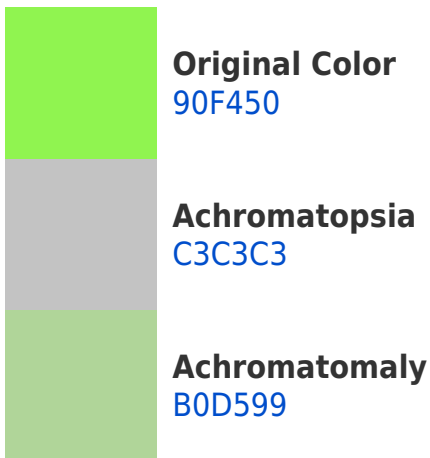


**Tritanopia**  
AAE4F6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90F450 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 #90F450 looks like.

```
.text, #text, p{  
    color:#90F450  
}
```

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 #90F450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90F450
}
```

## Border

The CSS property to change the border of an element to Hex 90F450 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
#90F450 }
```

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

```
.border{ border-color:#90F450 }
```

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

Here you see how a box with a 4 pixel #90F450 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90F450; -webkit-box-shadow:4px 4px  
4px 4px #90F450; box-shadow:4px 4px 4px  
4px #90F450 }
```

# Background

The CSS property to change the background color of an element to Hex 90F450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90F450 }
```

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

```
.background{ background-color:#90F450 }
```

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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