

Converting Colors

Hex(90BE07)

Have a look what the booklet for
Hex(90BE07) contains.

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Color

Hex(90BE07)

Conversions

Conversions Part 1

Format	Color
Hex	90BE07
RGB	144, 190, 7
RGB Percent	56%, 75%, 3%
CMY	0.4353, 0.2549, 0.9725
CMYK	0.24, 0.00, 0.96, 0.25
HSL	75°, 93%, 39%
HSV	75°, 96%, 75%
XYZ	29.9534, 42.7715, 6.8780
YIQ	155.3840, 31.3270, -66.6650

Conversions

Conversions Part 2

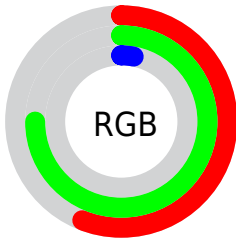
Format	Color
RYB	7, 190, 53
Decimal	9485831
CIELab	71.40, -36.47, 71.04
CIELCh	71, 79.850, 117.174
Yxy	42.7715, 0.3763, 0.5373
Android (android.graphics.Color)	4287675911 (0xFF90BE07)
YUV	155.3840, -73.1533, -9.9838
Hunter-Lab	65.4000, -32.6963, 39.5445

Details

The Hex color **90BE07** is a dark color, and the websafe version is hex **99CC00**. A complement of this color would be **3507BE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **CAF652**, and **578800** is the 20% darker color. If you saturate the color by 10%, you get **8EBE00**, and if you desaturate by 10%, it is **95BE1A**.

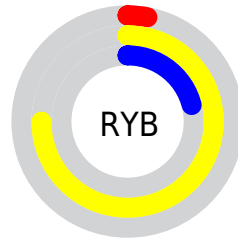
Distribution



Red (56%)

Green (75%)

Blue (3%)



Red (3%)

Yellow (75%)

Blue (21%)

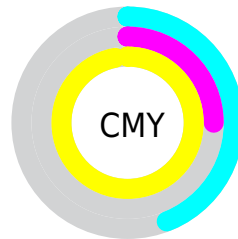


Cyan (24%)

Magenta (0%)

Yellow (96%)

Black (25%)



Cyan (44%)

Magenta (25%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90BE07 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 90BE07 by changing the saturation by 10% instead.

 90BE07

 90BE07

FFFFFF

 74A300

 CAF652

 578800

 E8FF6F

 3C6F00

 FFFF8B

 1C5600

 FFFFA8

 003E00

 FFFFC5

 002900

 FFFF E2

 000A00

 000000

 90BE07

 90BE07

■ 8EBE00

■ 95BE1A

■ 9ABE2D

■ 9EBE40

■ A3BE53

■ A8BE66

■ ADBE79

■ B1BE8C

■ B6BE9F

■ BBBEB2

Harmonies

Analogous

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



D7A900



90BE07



00CA5B

Triad

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



90BE07



00CAFF



FF62B9

Complementary

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



90BE07



3507BE

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.



FF7BFF



90BE07



00BAFF

Square

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



90BE07



00D0F0



9E9EFF



FF6C71

Rectangle

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



90BE07



00CE8C



9E9EFF



FF68D1

Sweetspot

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



90BE07



E5F7B0



BE3507



727D51



FCFCFC



7D7D7D

Same Dimension

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



90BE07



B9F700



35BE07



5C5E55



769E00



171F00

Inverse Universe

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



3507BE



3E00F7



9007BE



57555E



28009E



08001F

Previews

White Background



This preview shows how the Hex color 90BE07 looks on a white background.

Color Contrast Check

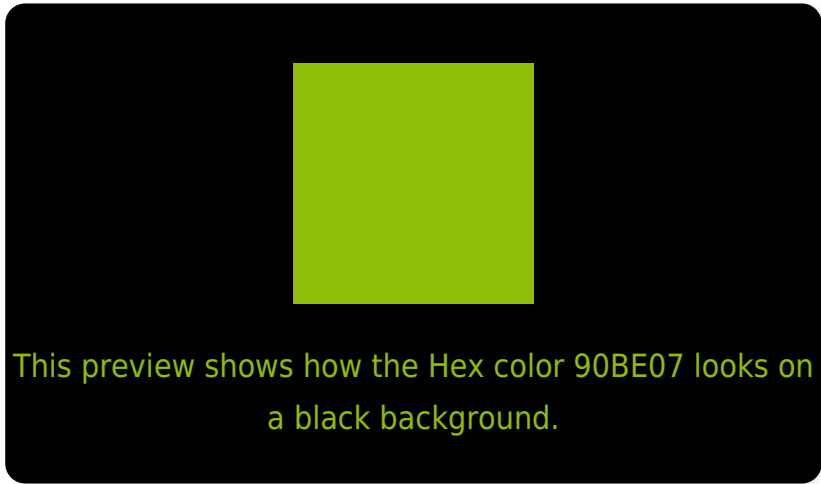
Large Text (above 18pt) WCAG AA × Fail

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 90BE07 Background



This preview shows how black text looks on a background with the Hex color 90BE07.



This preview shows how white text looks on a background with the Hex color 90BE07.

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
90BE07

Protanopia
C5AF00

Deuteranopia
DCA523

Trichromacy



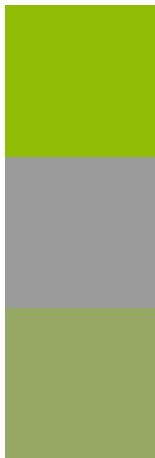
Original Color
90BE07

Protanomaly
B2B403

Deuteranomaly
C0AE19

Tritanomaly
9BB67C

Monochromacy



Original Color
90BE07

Achromatopsia
9B9B9B

Achromatomaly
97A865

CSS Examples

Text

The CSS property to change the color of the text to Hex 90BE07 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 #90BE07 looks like.

```
.text, #text, p{  
    color:#90BE07  
}
```

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 #90BE07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90BE07
}
```

Border

The CSS property to change the border of an element to Hex 90BE07 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
#90BE07 }
```

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

```
.border{ border-color:#90BE07 }
```

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

Here you see how a box with a 4 pixel #90BE07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90BE07; -webkit-box-shadow:4px 4px  
4px 4px #90BE07; box-shadow:4px 4px 4px  
4px #90BE07 }
```

Background

The CSS property to change the background color of an element to Hex 90BE07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90BE07 }
```

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

```
.background{ background-color:#90BE07 }
```

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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