

Converting Colors

Hex(90E165)

Have a look what the booklet for
Hex(90E165) contains.

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Color

Hex(90E165)

Conversions

Conversions Part 1

Format	Color
Hex	90E165
RGB	144, 225, 101
RGB Percent	56%, 88%, 40%
CMY	0.4353, 0.1176, 0.6039
CMYK	0.36, 0.00, 0.55, 0.12
HSL	99°, 67%, 64%
HSV	99°, 55%, 88%
XYZ	40.7758, 60.7193, 21.8828
YIQ	186.6450, -8.4720, -55.7360

Conversions

Conversions Part 2

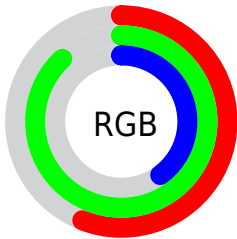
Format	Color
RYB	101, 225, 182
Decimal	9494885
CIELab	82.23, -46.29, 52.21
CIELCh	82, 69.776, 131.564
Yxy	60.7193, 0.3305, 0.4921
Android (android.graphics.Color)	4287684965 (0xFF90E165)
YUV	186.6450, -42.2230, -37.3997
Hunter-Lab	77.9226, -42.9580, 37.8956

Details

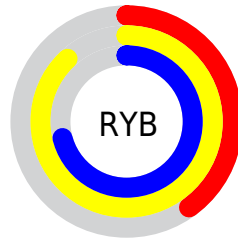
The Hex color **90E165** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **B665E1**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C9FF9B**, and **58A930** is the 20% darker color. If you saturate the color by 10%, you get **81E14E**, and if you desaturate by 10%, it is **9FE17B**.

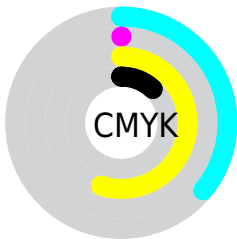
Distribution



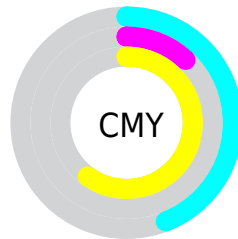
- Red (56%)
- Green (88%)
- Blue (40%)



- Red (40%)
- Yellow (88%)
- Blue (71%)



- Cyan (36%)
- Magenta (0%)
- Yellow (55%)
- Black (12%)



- Cyan (44%)
- Magenta (12%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90E165 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 90E165 by changing the saturation by 10% instead.

 90E165

 90E165

FFFFFF

 74C54B

 C9FF9B

 58A930

 E7FFB7

 3B8E10

 FFFFD3

 187400

 FFFFF0

 005B00

 004200

 002C00

 000F00

 000000

 90E165

 90E165

 81E14E

 9FE17B

 73E138

 ADE192

 64E121

 BCE1A9

 55E10B

 CBE1BF

 4EE100

 D9E1D6

 E8E1EC

 F7E1FF

 FFE1FF

Harmonies

Analogous

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



D8D141



90E165



00EAA1

Triad

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



90E165



00DFFF



FF91B6

Complementary

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



90E165



B665E1

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.



FF98F8



90E165



80CBFF

Square

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



90E165



00EAFF



F1B1FF



FFA179

Rectangle

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



90E165



00ECCE



F1B1FF



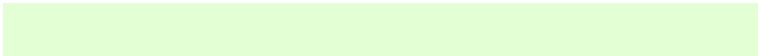
FF91CC

Sweetspot

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



90E165



E3FFD4



E1B665



6F8066



000000



808080

Same Dimension

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



90E165



91FF57



65E178



697065



3DB000



113000

Inverse Universe

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



B665E1



C557FF



E165CE



6C6570



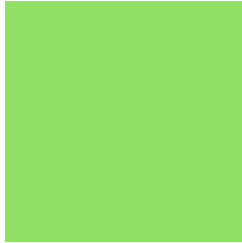
7300B0



200030

Previews

White Background



This preview shows how the Hex color 90E165 looks on a white background.

Color Contrast Check

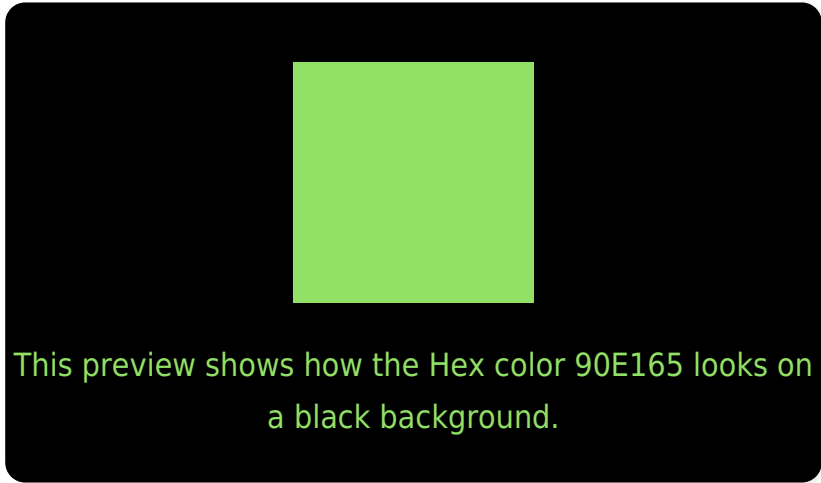
Large Text (above 18pt) WCAG AA × Fail

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

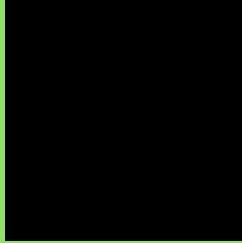
Any Text WCAG AA ✓ Pass

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 90E165 Background



This preview shows how black text looks on a background with the Hex color 90E165.

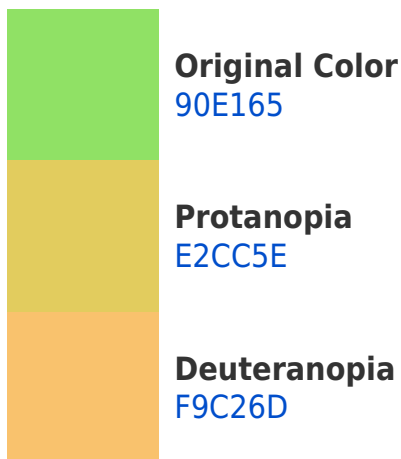


This preview shows how white text looks on a background with the Hex color 90E165.

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
A5D4E4

Trichromacy



Original Color
90E165



Protanomaly
C4D461



Deuteranomaly
D3CD6A



Tritanomaly
9DD9B6

Monochromacy



Original Color
90E165



Achromatopsia
BBBBBB



Achromatomaly
ABC99C

CSS Examples

Text

The CSS property to change the color of the text to Hex 90E165 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 #90E165 looks like.

```
.text, #text, p{  
    color:#90E165  
}
```

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 #90E165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E165
}
```

Border

The CSS property to change the border of an element to Hex 90E165 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
#90E165 }
```

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

```
.border{ border-color:#90E165 }
```

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

Here you see how a box with a 4 pixel #90E165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E165; -webkit-box-shadow:4px 4px  
4px 4px #90E165; box-shadow:4px 4px 4px  
4px #90E165 }
```

Background

The CSS property to change the background color of an element to Hex 90E165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E165 }
```

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

```
.background{ background-color:#90E165 }
```

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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