

Converting Colors

Hex(90AE60)

Have a look what the booklet for
Hex(90AE60) contains.

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Color

Hex(90AE60)

Conversions

Conversions Part 1

Format	Color
Hex	90AE60
RGB	144, 174, 96
RGB Percent	56%, 68%, 38%
CMY	0.4353, 0.3176, 0.6235
CMYK	0.17, 0.00, 0.45, 0.32
HSL	83°, 32%, 53%
HSV	83°, 45%, 68%
XYZ	28.7490, 37.0459, 16.7017
YIQ	156.1380, 7.1580, -30.6180

Conversions

Conversions Part 2

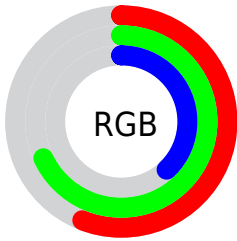
Format	Color
RYB	96, 174, 126
Decimal	9481824
CIELab	67.31, -23.47, 36.58
CIELCh	67, 43.461, 122.683
Yxy	37.0459, 0.3485, 0.4491
Android (android.graphics.Color)	4287671904 (0xFF90AE60)
YUV	156.1380, -29.6480, -10.6450
Hunter-Lab	60.8654, -22.2022, 26.3364

Details

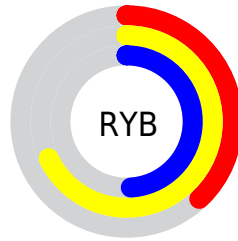
The Hex color **90AE60** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **7E60AE**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **C7E694**, and **5C792F** is the 20% darker color. If you saturate the color by 10%, you get **89AE4F**, and if you desaturate by 10%, it is **97AE71**.

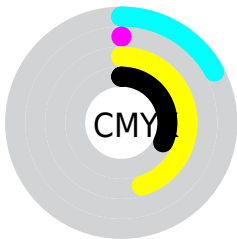
Distribution



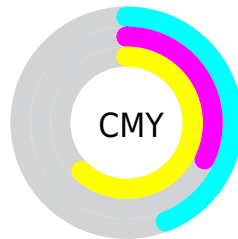
- Red (56%)
- Green (68%)
- Blue (38%)



- Red (38%)
- Yellow (68%)
- Blue (49%)



- Cyan (17%)
- Magenta (0%)
- Yellow (45%)
- Black (32%)



- Cyan (44%)
- Magenta (32%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90AE60 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 90AE60 by changing the saturation by 10% instead.



90AE60



90AE60

FFFFFF



769347



C7E694



5C792F



E4FFAF



436117



FFFFCB



2A4900



FFFFE7



133200



001E00



000000



90AE60



90AE60



89AE4F



97AE71

83AE3D

9DAE83

7CAE2C

A4AE94

75AE1A

ABAEA6

6FAE09

B1AEB7

6BAE00

B8AEC8

BFAEDA

C6AEEB

CCAefd

Harmonies

Analogous

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



B9A354



90AE60



5FB57F

Triad

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



90AE60



00B1E9



ED84A2

Complementary

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



90AE60



7E60AE

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.



D88AC9



90AE60



6BA7F2

Square

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



90AE60



00B7CD



AC98E6



EC897C

Rectangle

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



90AE60



30B899



AC98E6



E885AF

Sweetspot

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



90AE60



D8E3C5



AE7E60



6C7360



F2F2F2



737373

Same Dimension

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



90AE60



B4E368



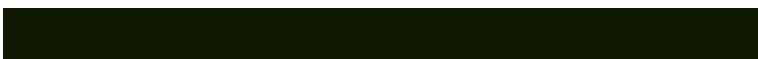
69AE60



53574E



5D9600



0E1700

Inverse Universe

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



7E60AE



9868E3



A560AE



514E57



3A0096



090017

Previews

White Background



This preview shows how the Hex color 90AE60 looks on a white background.

Color Contrast Check

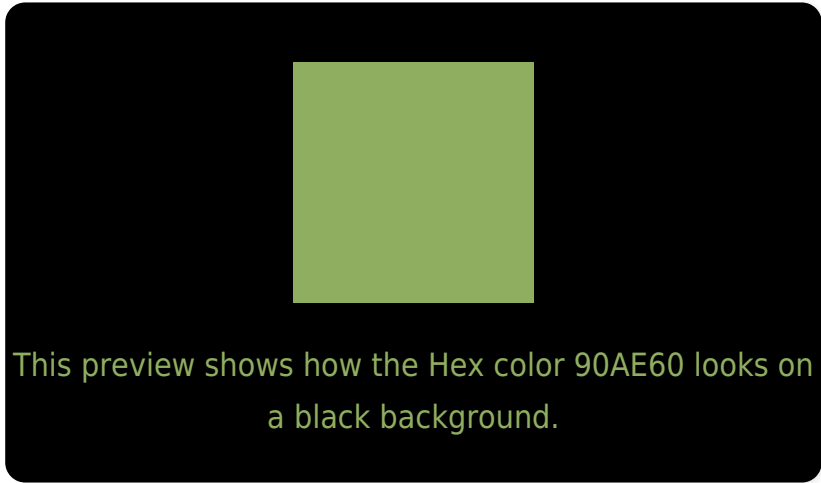
Large Text (above 18pt) WCAG AA × Fail

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 90AE60 Background



This preview shows how black text looks on a background with the Hex color 90AE60.



This preview shows how white text looks on a background with the Hex color 90AE60.

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
9BA5B2

Trichromacy



Original Color
90AE60

Protanomaly
A7A85D

Deuteranomaly
B2A363

Tritanomaly
97A894

Monochromacy



Original Color
90AE60

Achromatopsia
9C9C9C

Achromatomaly
98A386

CSS Examples

Text

The CSS property to change the color of the text to Hex 90AE60 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 #90AE60 looks like.

```
.text, #text, p{  
    color:#90AE60  
}
```

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 #90AE60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90AE60
}
```

Border

The CSS property to change the border of an element to Hex 90AE60 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
#90AE60 }
```

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

```
.border{ border-color:#90AE60 }
```

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

Here you see how a box with a 4 pixel #90AE60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90AE60; -webkit-box-shadow:4px 4px  
4px 4px #90AE60; box-shadow:4px 4px 4px  
4px #90AE60 }
```

Background

The CSS property to change the background color of an element to Hex 90AE60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90AE60 }
```

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

```
.background{ background-color:#90AE60 }
```

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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