

Converting Colors

Hex(90B386)

Have a look what the booklet for
Hex(90B386) contains.

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Color

Hex(90B386)

Conversions

Conversions Part 1

Format	Color
Hex	90B386
RGB	144, 179, 134
RGB Percent	56%, 70%, 53%
CMY	0.4353, 0.2980, 0.4745
CMYK	0.20, 0.00, 0.25, 0.30
HSL	107°, 23%, 61%
HSV	107°, 25%, 70%
XYZ	31.9248, 39.8907, 28.5713
YIQ	163.4050, -6.4150, -21.4150

Conversions

Conversions Part 2

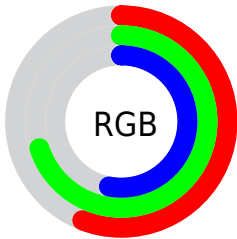
Format	Color
RYB	134, 179, 169
Decimal	9483142
CIELab	69.39, -20.50, 19.18
CIELCh	69, 28.080, 136.905
Yxy	39.8907, 0.3180, 0.3974
Android (android.graphics.Color)	4287673222 (0xFF90B386)
YUV	163.4050, -14.4967, -17.0182
Hunter-Lab	63.1591, -20.3028, 17.3903

Details

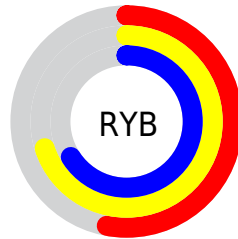
The Hex color **90B386** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **A986B3**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **C6EBBB**, and **5D7E54** is the 20% darker color. If you saturate the color by 10%, you get **82B374**, and if you desaturate by 10%, it is **9EB398**.

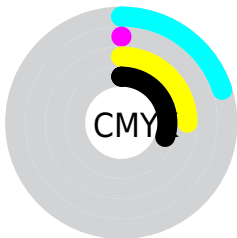
Distribution



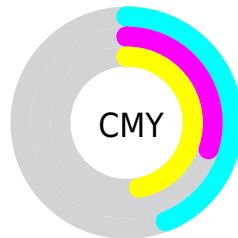
- Red (56%)
- Green (70%)
- Blue (53%)



- Red (53%)
- Yellow (70%)
- Blue (66%)



- Cyan (20%)
- Magenta (0%)
- Yellow (25%)
- Black (30%)



- Cyan (44%)
- Magenta (30%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 90B386 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 90B386 by changing the saturation by 10% instead.

 90B386

 90B386

FFFFFF

 76986D

 C6EBBB

 5D7E54

 E3FFD7

 44653D

 FFFFF4

 2D4D26

 163611

 002100

 000000

 90B386

 90B386

 82B374

 9EB398

 74B362

 ACB3AA

 66B350

 BAB3BC

 58B33E

 C8B3CE

 4AB32D

 D6B3DF

 3CB31B

 E4B3F1

 2FB309

 F1B3FF

 28B300

 FFB3FF

Harmonies

Analogous

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



ADAC78



90B386



73B79D

Triad

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



90B386



79AFDA



DD979C

Complementary

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



90B386



A986B3

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.



D598B6



90B386



9EA7DA

Square

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



90B386



5EB5CE



BF9ECC



D79C85

Rectangle

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



90B386



63B8AF



BF9ECC



DC97A4

Sweetspot

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



90B386



DAE8D5



B3A986



6C756A



F5F5F5



757575

Same Dimension

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



90B386



B2E8A2



86B392



525950



229900



061A00

Inverse Universe

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



A986B3



D9A2E8



B386A7



575059



770099



14001A

Previews

White Background



This preview shows how the Hex color 90B386 looks on a white background.

Color Contrast Check

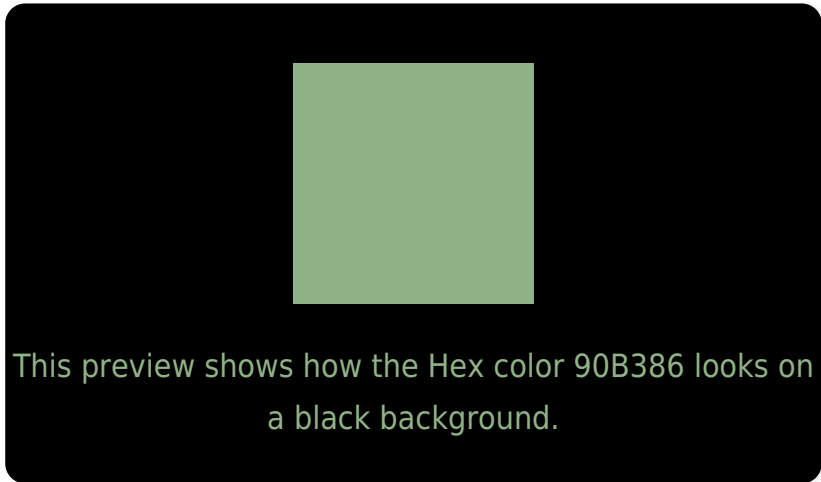
Large Text (above 18pt) WCAG AA × Fail

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 90B386 Background



This preview shows how black text looks on a background with the Hex color 90B386.



This preview shows how white text looks on a background with the Hex color 90B386.

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
98ACBA

Trichromacy



Original Color
90B386

Protanomaly
A8AD83

Deuteranomaly
B1A888

Tritanomaly
95AFA7

Monochromacy



Original Color
90B386

Achromatopsia
A3A3A3

Achromatomaly
9CA998

CSS Examples

Text

The CSS property to change the color of the text to Hex 90B386 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 #90B386 looks like.

```
.text, #text, p{  
    color:#90B386  
}
```

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 #90B386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90B386
}
```

Border

The CSS property to change the border of an element to Hex 90B386 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
#90B386 }
```

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

```
.border{ border-color:#90B386 }
```

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

Here you see how a box with a 4 pixel #90B386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90B386; -webkit-box-shadow:4px 4px  
4px 4px #90B386; box-shadow:4px 4px 4px  
4px #90B386 }
```

Background

The CSS property to change the background color of an element to Hex 90B386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90B386 }
```

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

```
.background{ background-color:#90B386 }
```

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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