

Converting Colors

Hex(268F86)

Have a look what the booklet for
Hex(268F86) contains.

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Color

Hex(268F86)

Conversions

Conversions Part 1

Format	Color
Hex	268F86
RGB	38, 143, 134
RGB Percent	15%, 56%, 53%
CMY	0.8510, 0.4392, 0.4745
CMYK	0.73, 0.00, 0.06, 0.44
HSL	175°, 58%, 35%
HSV	175°, 73%, 56%
XYZ	14.9249, 21.7782, 25.9713
YIQ	110.5790, -59.6910, -25.0590

Conversions

Conversions Part 2

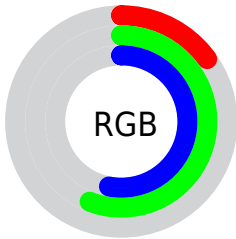
Format	Color
R_{YB}	38, 93, 143
Decimal	2527110
CIE _{Lab}	53.79, -31.07, -3.70
CIE _{LCh}	54, 31.293, 186.799
Yxy	21.7782, 0.2381, 0.3475
Android (android.graphics.Color)	4280717190 (0xFF268F86)
YUV	110.5790, 11.5466, -63.6518
Hunter-Lab	46.6671, -24.5805, -0.3291

Details

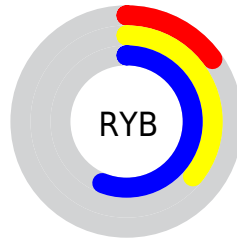
The Hex color **268F86** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8F262F**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **64C5BB**, and **005C55** is the 20% darker color. If you saturate the color by 10%, you get **188F85**, and if you desaturate by 10%, it is **348F87**.

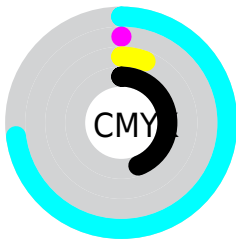
Distribution



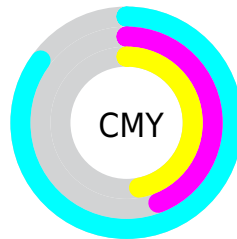
- Red (15%)
- Green (56%)
- Blue (53%)



- Red (15%)
- Yellow (36%)
- Blue (56%)



- Cyan (73%)
- Magenta (0%)
- Yellow (6%)
- Black (44%)



- Cyan (85%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268F86 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 268F86 by changing the saturation by 10% instead.

 268F86

 268F86

FFFFFF

 00756D

 64C5BB

 005C55

 81E1D7

 00443D

 9DFEF3

 002D28

 BAEFFF

 001613

 D7FFFF

 000000

 F5FFFF

 268F86

 268F86

 188F85

 348F87

098F84

438F88

008F83

518F8A

5F8F8B

6E8F8C

7C8F8D

8A8F8F

988F90

A78F91

Harmonies

Analogous

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



4E8D6A



268F86



008EA0

Triad

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



268F86



8C77AC



A4784F

Complementary

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



268F86



8F262F

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.



B26F62



268F86



A76F96

Square

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



268F86



6381B6



B46B7B



8C814A

Rectangle

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



268F86



208BAD



B46B7B



AA7554

Sweetspot

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



268F86



91BAB7



318F26



465E5C



DEDEDE



5E5E5E

Same Dimension

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



268F86



16BAAC



26658F



404747



00877C



000807

Inverse Universe

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



8F262F



BA1624



8F5026



474041



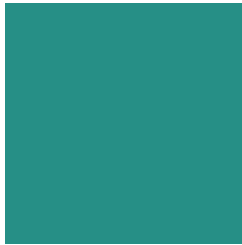
87000C



080001

Previews

White Background



This preview shows how the Hex color 268F86 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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

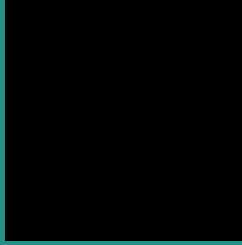
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 268F86 Background



This preview shows how black text looks on a background with the Hex color 268F86.



This preview shows how white text looks on a background with the Hex color 268F86.

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
268F86

Protanopia
837F7D

Deuteranopia
877C8A

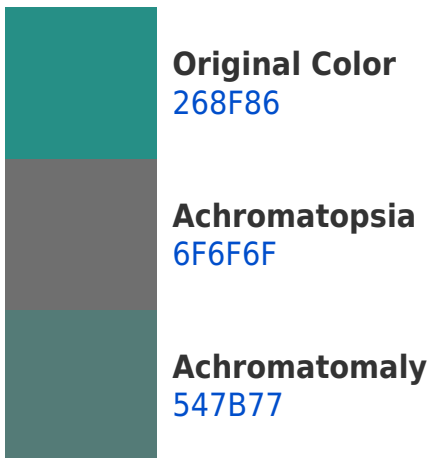


Tritanopia
318C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 268F86 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 #268F86 looks like.

```
.text, #text, p{  
    color:#268F86  
}
```

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 #268F86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268F86
}
```

Border

The CSS property to change the border of an element to Hex 268F86 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
#268F86 }
```

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

```
.border{ border-color:#268F86 }
```

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

Here you see how a box with a 4 pixel #268F86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268F86; -webkit-box-shadow:4px 4px  
4px 4px #268F86; box-shadow:4px 4px 4px  
4px #268F86 }
```

Background

The CSS property to change the background color of an element to Hex 268F86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268F86 }
```

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

```
.background{ background-color:#268F86 }
```

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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