

Converting Colors

Hex(268F80)

Have a look what the booklet for
Hex(268F80) contains.

| | |
|--|----|
| Hex(268F80) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(268F80)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 268F80 |
| RGB | 38, 143, 128 |
| RGB Percent | 15%, 56%, 50% |
| CMY | 0.8510, 0.4392, 0.4980 |
| CMYK | 0.73, 0.00, 0.10, 0.44 |
| HSL | 171°, 58%, 35% |
| HSV | 171°, 73%, 56% |
| XYZ | 14.5181, 21.6155, 23.8291 |
| YIQ | 109.8950, -57.7650, -26.9250 |

Conversions

Conversions Part 2

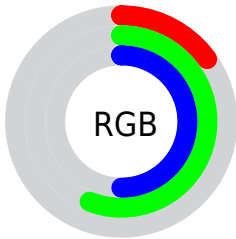
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 38, 95, 143 |
| Decimal | 2527104 |
| CIELab | 53.62, -32.80, -0.50 |
| CIELCh | 54, 32.799, 180.868 |
| Yxy | 21.6155, 0.2421, 0.3605 |
| Android (android.graphics.Color) | 4280717184 (0xFF268F80) |
| YUV | 109.8950, 8.9258, -63.0519 |
| Hunter-Lab | 46.4925, -25.6222, 2.1564 |

Details

The Hex color **268F80** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8F2635**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **64C5B5**, and **005C4F** is the 20% darker color. If you saturate the color by 10%, you get **188F7E**, and if you desaturate by 10%, it is **348F82**.

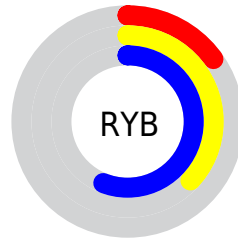
Distribution



Red (15%)

Green (56%)

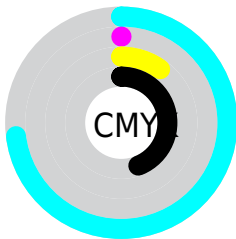
Blue (50%)



Red (15%)

Yellow (37%)

Blue (56%)

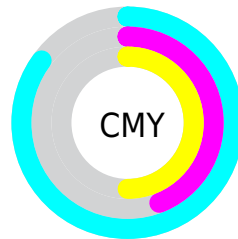


Cyan (73%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (85%)

Magenta (44%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268F80 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 268F80 by changing the saturation by 10% instead.

 268F80

 268F80

FFFFFF

 007567

 64C5B5

 005C4F

 80E2D0

 004438

 9DFEEC

 002D23

 B9FFFF

 00150D

 D7FFFF

 000000

 F4FFFF

 268F80

 268F80

 188F7E

 348F82

■ 098F7C

■ 438F84

■ 008F7B

■ 518F86

■ 5F8F88

■ 6E8F8A

■ 7C8F8C

■ 8A8F8E

■ 988F90

■ A78F92

Harmonies

Analogous

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



528D64



268F80



008E9C

Triad

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



268F80



8478B1



A8754F

Complementary

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



268F80



8F2635

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.



B56C65



268F80



A46F9C

Square

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



268F80



5783B8



B56A80



917F47

Rectangle

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



268F80



008CAB



B56A80



AE7255

Sweetspot

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



268F80



91BAB4



368F26



465E5B



DEDEDE



5E5E5E

Same Dimension

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



268F80



16BAA3



266A8F



404746



008774



000807

Inverse Universe

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



8F2635



BA162E



8F4B26



474041



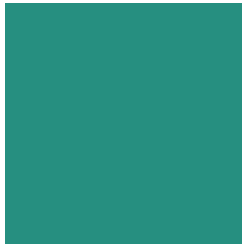
870013



080001

Previews

White Background



This preview shows how the Hex color 268F80 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

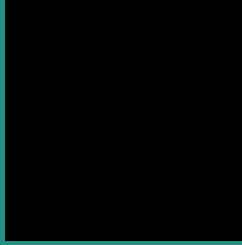
Any Text WCAG AA ✓ Pass

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 268F80 Background



This preview shows how black text looks on a background with the Hex color 268F80.

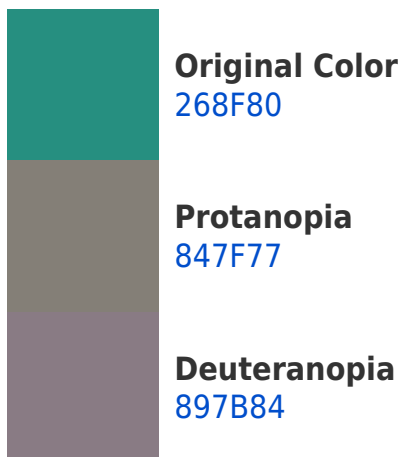


This preview shows how white text looks on a background with the Hex color 268F80.

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
338C97

Trichromacy



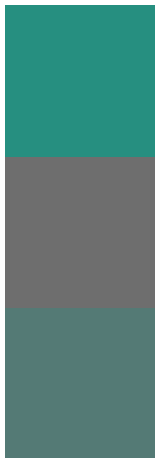
Original Color
268F80

Protanomaly
62857A

Deuteranomaly
658283

Tritanomaly
2E8D8F

Monochromacy



Original Color
268F80

Achromatopsia
6E6E6E

Achromatomaly
547A75

CSS Examples

Text

The CSS property to change the color of the text to Hex 268F80 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 #268F80 looks like.

```
.text, #text, p{  
    color:#268F80  
}
```

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 #268F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268F80
}
```

Border

The CSS property to change the border of an element to Hex 268F80 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
#268F80 }
```

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

```
.border{ border-color:#268F80 }
```

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

Here you see how a box with a 4 pixel #268F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268F80; -webkit-box-shadow:4px 4px  
4px 4px #268F80; box-shadow:4px 4px 4px  
4px #268F80 }
```

Background

The CSS property to change the background color of an element to Hex 268F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268F80 }
```

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

```
.background{ background-color:#268F80 }
```

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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