

Converting Colors

Hex(278AAF)

Have a look what the booklet for
Hex(278AAF) contains.

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Color

Hex(278AAF)

Conversions

Conversions Part 1

Format	Color
Hex	278AAF
RGB	39, 138, 175
RGB Percent	15%, 54%, 69%
CMY	0.8471, 0.4588, 0.3137
CMYK	0.78, 0.21, 0.00, 0.31
HSL	196°, 64%, 42%
HSV	196°, 78%, 69%
XYZ	17.6630, 21.7034, 43.8157
YIQ	112.6170, -70.8810, -9.4810

Conversions

Conversions Part 2

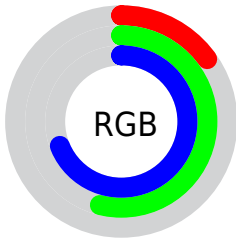
Format	Color
R_{YB}	39, 96, 175
Decimal	2591407
CIE _{Lab}	53.71, -15.15, -27.47
CIE _{LCh}	54, 31.366, 241.120
Yxy	21.7034, 0.2123, 0.2609
Android (android.graphics.Color)	4280781487 (0xFF278AAF)
YUV	112.6170, 30.7548, -64.5621
Hunter-Lab	46.5869, -13.8504, -23.1522

Details

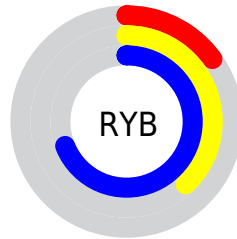
The Hex color **278AAF** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **AF4C27**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **69BFE7**, and **00587A** is the 20% darker color. If you saturate the color by 10%, you get **1685AF**, and if you desaturate by 10%, it is **398FAF**.

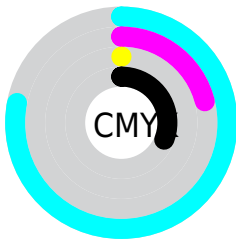
Distribution



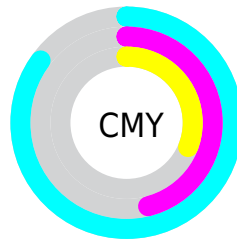
- Red (15%)
- Green (54%)
- Blue (69%)



- Red (15%)
- Yellow (38%)
- Blue (69%)



- Cyan (78%)
- Magenta (21%)
- Yellow (0%)
- Black (31%)



- Cyan (85%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 278AAF 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 278AAF by changing the saturation by 10% instead.

■ 278AAF

■ 278AAF

FFFFFF

■ 007194

■ 69BFE7

■ 00587A

■ 87DBFF

■ 004161

■ A4F8FF

■ 002B49

■ C2FFFF

■ 001733

■ E0FFFF

■ 00021D

FEFFFF

■ 000000

■ 278AAF

■ 278AAF

■ 1685AF

■ 398FAF

■ 0480AF

■ 4A94AF

■ 007FAF

■ 5C98AF

■ 6D9DAF

■ 7FA2AF

■ 90A7AF

■ A2ABAF

■ B3B0AF

■ C5B5AF

Harmonies

Analogous

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



008E9B



278AAF



5A83B6

Triad

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



278AAF



B36B80



758751

Complementary

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



278AAF



AF4C27

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.



917F4A



278AAF



B46E66

Square

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



278AAF



A3709B



A77652



548C65

Rectangle

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



278AAF



787CB3



A77652



7F854D

Sweetspot

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



278AAF



AFD5E3



27AF4B



536A73



F2F2F2



737373

Same Dimension

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



278AAF



10AAE3



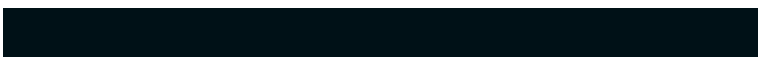
2747AF



4E5457



006E96



001117

Inverse Universe

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



AF278A



E310AA



AF8F27



574E54



96006E



170011

Previews

White Background



This preview shows how the Hex color 278AAF looks on a white background.

Color Contrast Check

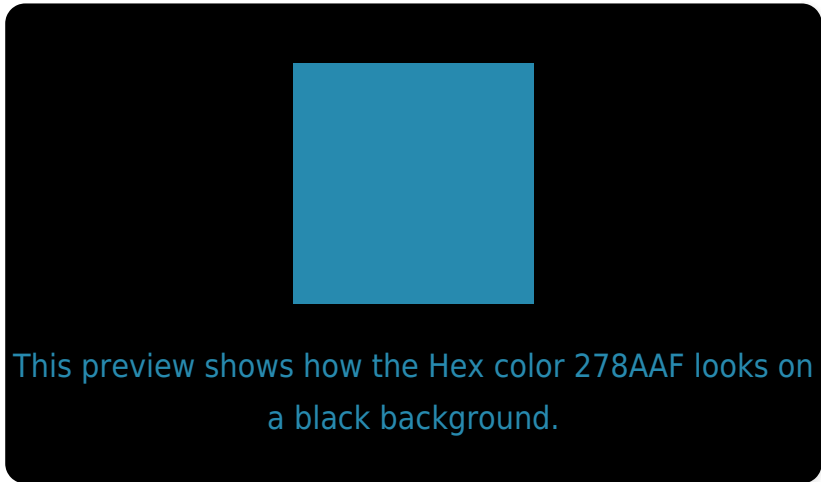
Large Text (above 18pt) WCAG AA ✓ Pass

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

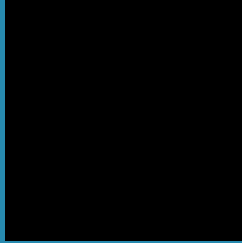
Any Text WCAG AA ✓ Pass

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 278AAF Background



This preview shows how black text looks on a background with the Hex color 278AAF.

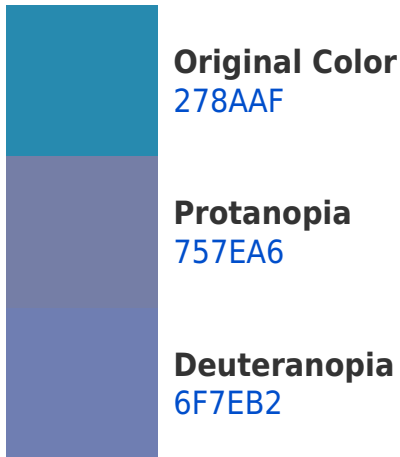


This preview shows how white text looks on a background with the Hex color 278AAF.

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](#).

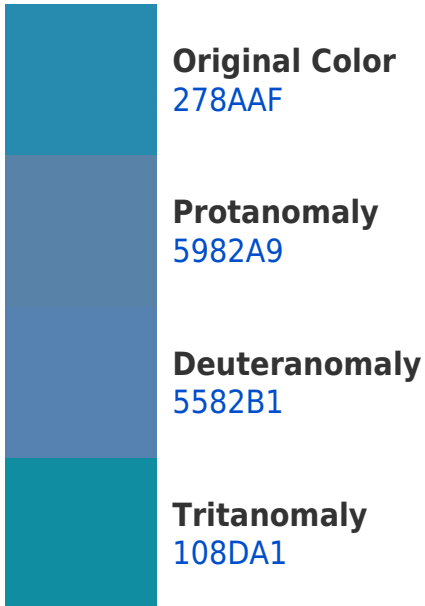
Dichromacy



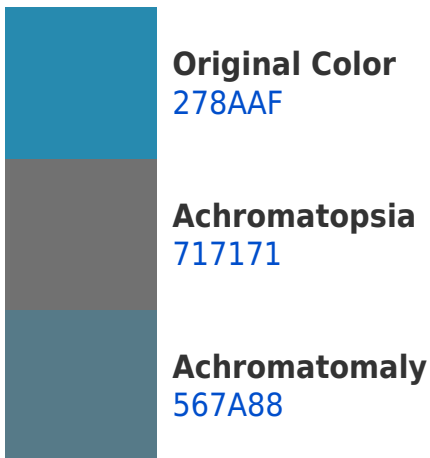


Tritanopia
038E99

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 278AAF 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 #278AAF looks like.

```
.text, #text, p{  
    color:#278AAF  
}
```

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 #278AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #278AAF
}
```

Border

The CSS property to change the border of an element to Hex 278AAF 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
#278AAF }
```

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

```
.border{ border-color:#278AAF }
```

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

Here you see how a box with a 4 pixel #278AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #278AAF; -webkit-box-shadow:4px 4px  
4px 4px #278AAF; box-shadow:4px 4px 4px  
4px #278AAF }
```

Background

The CSS property to change the background color of an element to Hex 278AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#278AAF }
```

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

```
.background{ background-color:#278AAF }
```

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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