

Converting Colors

Hex(36278A)

Have a look what the booklet for
Hex(36278A) contains.

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Color

Hex(36278A)

Conversions

Conversions Part 1

Format	Color
Hex	36278A
RGB	54, 39, 138
RGB Percent	21%, 15%, 54%
CMY	0.7882, 0.8471, 0.4588
CMYK	0.61, 0.72, 0.00, 0.46
HSL	249°, 56%, 35%
HSV	249°, 72%, 54%
XYZ	6.8343, 4.0703, 24.4702
YIQ	54.7710, -22.8390, 33.9690

Conversions

Conversions Part 2

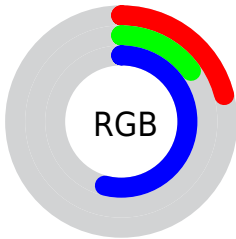
Format	Color
R_{YB}	54, 39, 138
Decimal	3549066
CIE _{Lab}	23.90, 35.92, -52.80
CIE _{LCh}	24, 63.861, 304.230
Yxy	4.0703, 0.1932, 0.1151
Android (android.graphics.Color)	4281739146 (0xFF36278A)
YUV	54.7710, 41.0319, -0.6762
Hunter-Lab	20.1749, 25.1609, -57.7904

Details

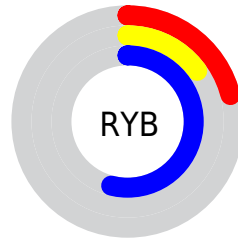
The Hex color **36278A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7B8A27**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **6E56C0**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **2A198A**, and if you desaturate by 10%, it is **42358A**.

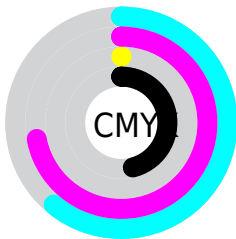
Distribution



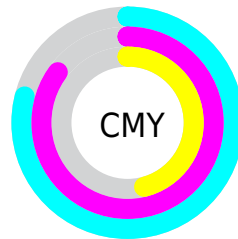
- Red (21%)
- Green (15%)
- Blue (54%)



- Red (21%)
- Yellow (15%)
- Blue (54%)



- Cyan (61%)
- Magenta (72%)
- Yellow (0%)
- Black (46%)



- Cyan (79%)
- Magenta (85%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 36278A 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 36278A by changing the saturation by 10% instead.

■ 36278A

■ 36278A

FFFFFF

■ 141170

■ 6E56C0

■ 000057

■ 8A6EDD

■ 00003F

■ A688FA

■ 000328

■ C3A3FF

■ 000111

■ E0BEFF

■ 000000

■ FEDAFF

■ FFF7FF

■ 36278A

■ 36278A

■ 2A198A

■ 42358A

■ 1F0B8A

■ 4D438A

■ 15008A

■ 59508A

■ 655E8A

■ 716C8A

■ 7C7A8A

■ 88888A

■ 94958A

■ 9FA38A

Harmonies

Analogous

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



003E9B



36278A



740064

Triad

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



36278A



662400



004A3F

Complementary

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



36278A



7B8A27

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.



004807



36278A



413A00

Square

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



36278A



800001



004400



004B6F

Rectangle

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



36278A



840044



004400



004A2E

Sweetspot

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



36278A



918BB3



277B8A



464259



D9D9D9



595959

Same Dimension

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



36278A



3019B3



67278A



3F3E45



140085



010005

Inverse Universe

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



8A277B



B3199B



4A8A27



453E44



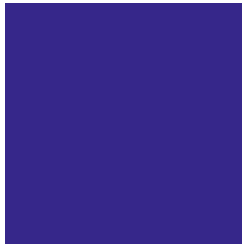
850071



050004

Previews

White Background



This preview shows how the Hex color 36278A looks on a white background.

Color Contrast Check

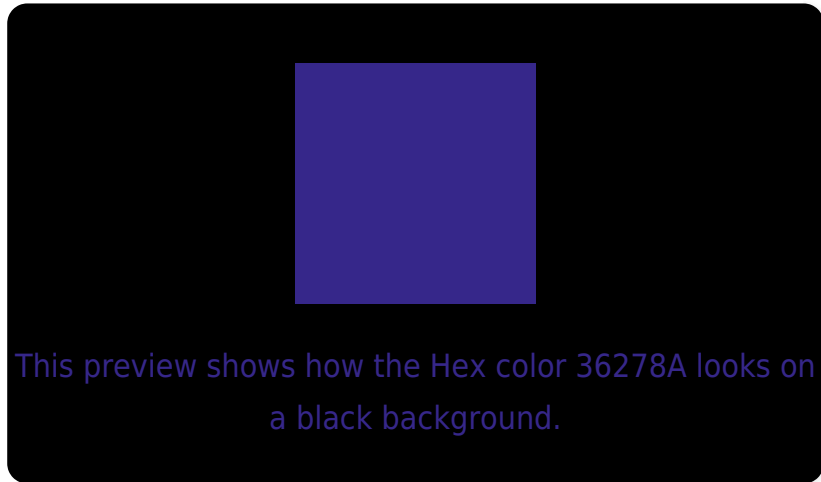
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

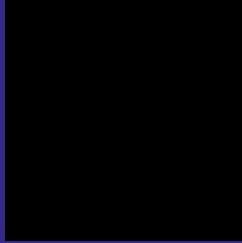
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 36278A Background



This preview shows how black text looks on a background with the Hex color 36278A.

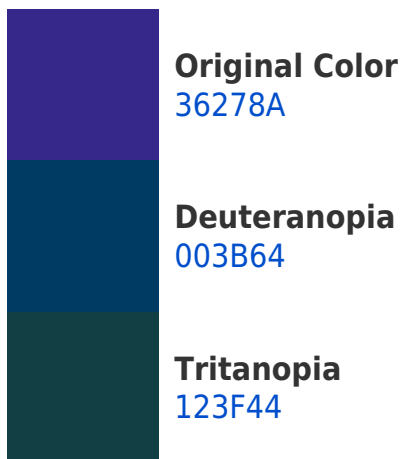


This preview shows how white text looks on a background with the Hex color 36278A.

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



Trichromacy



Original Color
36278A

Deuteranomaly
143472

Tritanomaly
1F365D

Monochromacy



Original Color
36278A

Achromatopsia
373737

Achromatomaly
373155

CSS Examples

Text

The CSS property to change the color of the text to Hex 36278A 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 #36278A looks like.

```
.text, #text, p{  
    color:#36278A  
}
```

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 #36278A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #36278A
}
```

Border

The CSS property to change the border of an element to Hex 36278A 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".

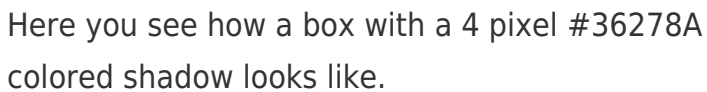
```
.border, #border, table{ border:4px solid
#36278A }
```

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

```
.border{ border-color:#36278A }
```

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

Here you see how a box with a 4 pixel #36278A colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #36278A; -webkit-box-shadow:4px 4px  
4px 4px #36278A; box-shadow:4px 4px 4px  
4px #36278A }
```

Background

The CSS property to change the background color of an element to Hex 36278A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#36278A }
```

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

```
.background{ background-color:#36278A }
```

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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