Converting Colors

Hex(5278A2)

Have a look what the booklet for Hex(5278A2) contains.

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Color

Hex(5278A2)

Conversions

Conversions Part 1

Format	Color
Hex	5278A2
RGB	82, 120, 162
RGB Percent	32%, 47%, 64%
CMY	0.6784, 0.5294, 0.3647
CMYK	0.49, 0.26, 0.00, 0.36
HSL	212°, 33%, 48%
HSV	212°, 49%, 64%
XYZ	16.7177, 17.8354, 36.7439
YIQ	113.4260, -36.1300, 5.0060

Conversions

Conversions Part 2

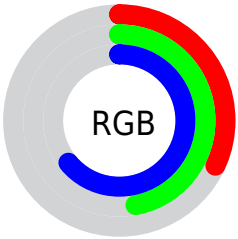
Format	Color
RYB	82, 108, 162
Decimal	5404834
CIELab	49.30, -1.30, -26.66
CIELCh	49, 26.695, 267.203
Yxy	17.8354, 0.2345, 0.2502
Android (android.graphics.Color)	4283594914 (0xFF5278A2)
YUV	113.4260, 23.9470, -27.5606
Hunter-Lab	42.2320, -3.2459, -22.0228

Details

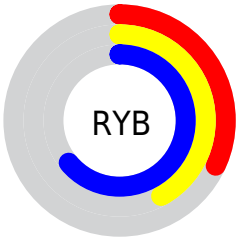
The Hex color 5278A2 is a dark color, and the websafe version is hex 336699. A complement of this color would be A27C52, and the grayscale version is 717171.

A 20% lighter version of the original color is 88ACD9, and 1A486E is the 20% darker color. If you saturate the color by 10%, you get 426FA2, and if you desaturate by 10%, it is 6281A2.

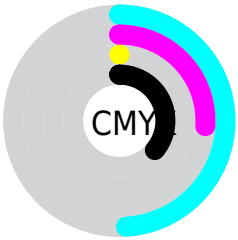
Distribution



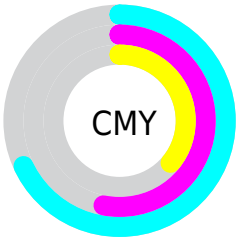
- Red (32%)
- Green (47%)
- Blue (64%)



- Red (32%)
- Yellow (42%)
- Blue (64%)



- Cyan (49%)
- Magenta (26%)
- Yellow (0%)
- Black (36%)



- Cyan (68%)
- Magenta (53%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5278A2 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 5278A2 by changing the saturation by 10% instead.

5278A2

FFFFFF

88ACD9

A3C7F6

BFE3FF

DCFFFF

F9FFFF

5278A2

375F88

1A486E

003256

001D3E

000328

000112

000000

5278A2

426FA2

5278A2

6281A2

3267A2

215EA2

1156A2

014DA2

004DA2

7289A2

8392A2

939AA2

A3A3A2

B3ABA2

C3B4A2

D4BCA2

E4C5A2

Harmonies

Analogous

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

2E7E9B

5278A2

75709D

Triad

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

5278A2

A16562

557F5C

Complementary

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

5278A2

A27C52

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.

6F7A4C

5278A2

986B50

Square

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

5278A2

9F6478

867348

388172

Rectangle

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

5278A2

886B94

867348

5E7E56

Sweetspot

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

5278A2

B4C3D4

52A27B

58616B

EBEBEB

6B6B6B

Same Dimension

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

5278A2

5792D4

5352A2

494D52

004591

000812

Inverse Universe

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

A25278

D45792

A1A252

52494D

910045

120008

Previews

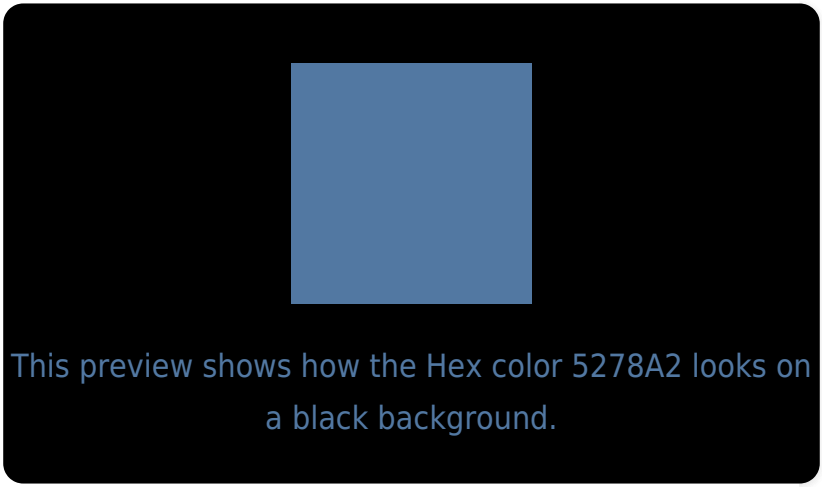
White Background

This preview shows how the Hex color 5278A2 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 ✕ 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 5278A2 Background

This preview shows how black text looks on a background with the Hex color 5278A2.

This preview shows how white text looks on a background with the Hex color 5278A2.

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
5278A2

Protanopia
68739E

Deuteranopia
6573A3

Tritanopia
497D87

Trichromacy

Original Color
5278A2

Protanomaly
60759F

Deuteranomaly
5E75A3

Tritanomaly
4C7B91

Monochromacy

Original Color
5278A2

Achromatopsia
717171

Achromatomaly
667483

CSS Examples

Text

The CSS property to change the color of the text to Hex 5278A2 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 #5278A2 looks like.

```
.text, #text, p{
    color:#5278A2
}
```

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 #5278A2 colored shadow looks like.

Here you see how black text with a 4 pixel #5278A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5278A2
}
```

Border

The CSS property to change the border of an element to Hex 5278A2 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
#5278A2 }
```

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

```
.border{ border-color:#5278A2 }
```

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

Here you see how a box with a 4 pixel #5278A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #5278A2; -webkit-box-shadow:4px 4px 4px 4px #5278A2; box-shadow:4px 4px 4px 4px #5278A2 }
```

Background

The CSS property to change the background color of an element to Hex 5278A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#5278A2 }
```

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

```
.background{ background-color:#5278A2 }
```

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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