

Converting Colors

Hex(12268A)

Have a look what the booklet for
Hex(12268A) contains.

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Color

Hex(12268A)

Conversions

Conversions Part 1

Format	Color
Hex	12268A
RGB	18, 38, 138
RGB Percent	7%, 15%, 54%
CMY	0.9294, 0.8510, 0.4588
CMYK	0.87, 0.72, 0.00, 0.46
HSL	230°, 77%, 31%
HSV	230°, 87%, 54%
XYZ	5.5300, 3.3498, 24.3999
YIQ	43.4200, -44.0200, 26.8600

Conversions

Conversions Part 2

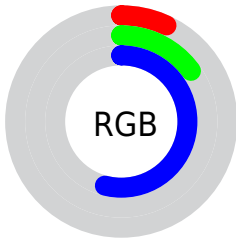
Format	Color
R_{YB}	18, 35, 138
Decimal	1189514
CIE _{Lab}	21.39, 32.57, -57.01
CIE _{LCh}	21, 65.655, 299.737
Yxy	3.3498, 0.1662, 0.1007
Android (android.graphics.Color)	4279379594 (0xFF12268A)
YUV	43.4200, 46.6279, -22.2933
Hunter-Lab	18.3025, 21.9037, -66.2305

Details

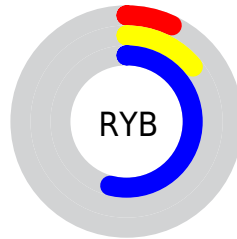
The Hex color **12268A** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **8A7612**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5853C1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **041B8A**, and if you desaturate by 10%, it is **20328A**.

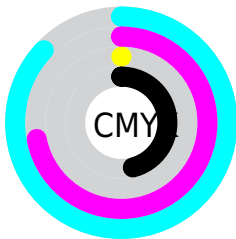
Distribution



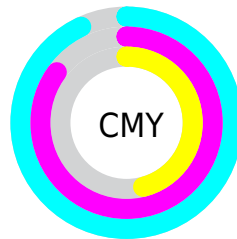
- Red (7%)
- Green (15%)
- Blue (54%)



- Red (7%)
- Yellow (14%)
- Blue (54%)



- Cyan (87%)
- Magenta (72%)
- Yellow (0%)
- Black (46%)



- Cyan (93%)
- Magenta (85%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12268A 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 12268A by changing the saturation by 10% instead.

■ 12268A

■ 12268A

FFFFFF

■ 001270

■ 5853C1

■ 000057

■ 756CDD

■ 00063E

■ 9185FA

■ 000328

■ AE9FFF

■ 000111

■ CBBAFF

■ 000000

■ E9D6FF

■ FFF2FF

■ 12268A

■ 12268A

■ 041B8A

■ 20328A

■ 00178A

■ 2E3D8A

■ 3B498A

■ 49548A

■ 57608A

■ 656B8A

■ 73778A

■ 80828A

■ 8E8D8A

Harmonies

Analogous

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



003C98



12268A



690065

Triad

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



12268A



651700



004432

Complementary

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



12268A



8A7612

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.



004200



12268A



413200

Square

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



12268A



7C0002



033D00



004563

Rectangle

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



12268A



7C0046



033D00



004420

Sweetspot

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



12268A



848CB3



128A76



3E4259



D9D9D9



595959

Same Dimension

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



12268A



001EB3



3A128A



3E3F45



001685



000105

Inverse Universe

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



8A1226



B3001E



628A12



453E3F



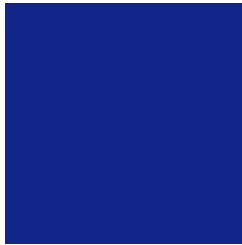
850016



050001

Previews

White Background



This preview shows how the Hex color 12268A looks on a white background.

Color Contrast Check

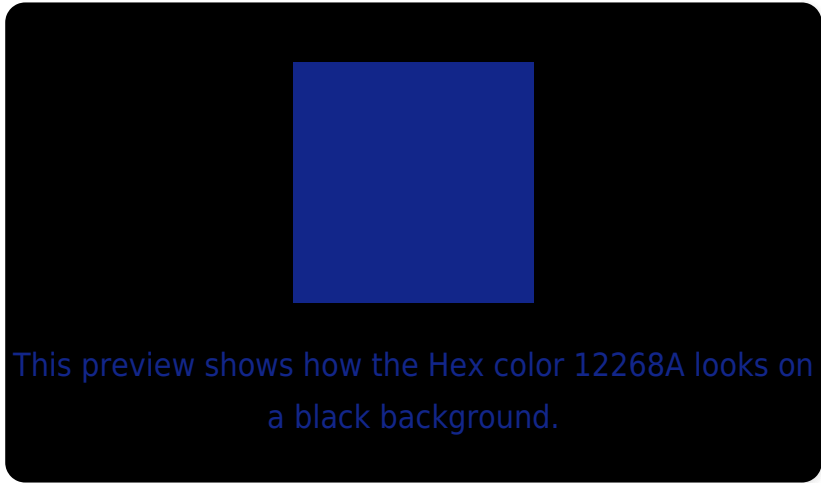
Large Text (above 18pt) WCAG AA ✓ Pass

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

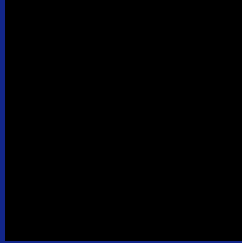
Any Text WCAG AA × Fail

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 12268A Background



This preview shows how black text looks on a background with the Hex color 12268A.



This preview shows how white text looks on a background with the Hex color 12268A.

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
12268A

Protanopia
003269

Deuteranopia
00355A

Trichromacy



Original Color
12268A

Protanomaly
072E75

Deuteranomaly
07306B

Tritanomaly
073359

Monochromacy



Original Color
12268A

Achromatopsia
2B2B2B

Achromatomaly
22294E

CSS Examples

Text

The CSS property to change the color of the text to Hex 12268A 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 #12268A looks like.

```
.text, #text, p{  
    color:#12268A  
}
```

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 #12268A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12268A
}
```

Border

The CSS property to change the border of an element to Hex 12268A 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
#12268A }
```

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

```
.border{ border-color:#12268A }
```

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

Here you see how a box with a 4 pixel #12268A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12268A; -webkit-box-shadow:4px 4px  
4px 4px #12268A; box-shadow:4px 4px 4px  
4px #12268A }
```

Background

The CSS property to change the background color of an element to Hex 12268A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12268A }
```

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

```
.background{ background-color:#12268A }
```

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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