

Converting Colors

Hex(1308B8)

Have a look what the booklet for
Hex(1308B8) contains.

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Color

Hex(1308B8)

Conversions

Conversions Part 1

Format	Color
Hex	1308B8
RGB	19, 8, 184
RGB Percent	7%, 3%, 72%
CMY	0.9255, 0.9686, 0.2784
CMYK	0.90, 0.96, 0.00, 0.28
HSL	244°, 92%, 38%
HSV	244°, 96%, 72%
XYZ	9.0071, 3.7728, 45.6009
YIQ	31.3530, -49.9400, 57.0680

Conversions

Conversions Part 2

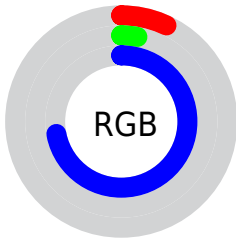
Format	Color
R _Y B	19, 8, 184
Decimal	1247416
CIE Lab	22.91, 60.26, -82.56
CIE LCh	23, 102.210, 306.127
Yxy	3.7728, 0.1543, 0.0646
Android (android.graphics.Color)	4279437496 (0xFF1308B8)
YUV	31.3530, 75.2550, -10.8336
Hunter-Lab	19.4237, 48.7821, -125.5981

Details

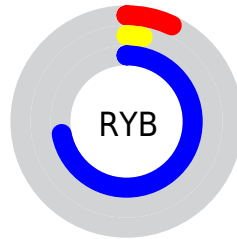
The Hex color **1308B8** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **ADB808**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **6841F2**, and **000081** is the 20% darker color. If you saturate the color by 10%, you get **0C00B8**, and if you desaturate by 10%, it is **241AB8**.

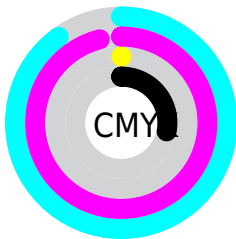
Distribution



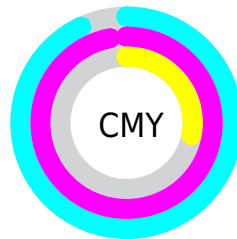
- Red (7%)
- Green (3%)
- Blue (72%)



- Red (7%)
- Yellow (3%)
- Blue (72%)



- Cyan (90%)
- Magenta (96%)
- Yellow (0%)
- Black (28%)



- Cyan (93%)
- Magenta (97%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1308B8 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 1308B8 by changing the saturation by 10% instead.

■ 1308B8

■ 1308B8

FFFFFF

■ 00009C

■ 6841F2

■ 000081

■ 885AFF

■ 000067

■ A775FF

■ 000A4E

■ C68FFF

■ 000536

■ E5ABFF

■ 000220

■ FFC7FF

■ 000003

■ FFE3FF

■ 000000

■ 1308B8

■ 1308B8

■ 0C00B8

■ 241AB8

■ 352DB8

■ 473FB8

■ 5852B8

■ 6964B8

■ 7A76B8

■ 8C89B8

■ 9D9BB8

■ AEAEB8

Harmonies

Analogous

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



0043D8



1308B8



940077

Triad

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



1308B8



720B00



004D46

Complementary

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



1308B8



ADB808

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.



004B00



1308B8



363A00

Square

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



1308B8



9B0000



004600



004F92

Rectangle

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



1308B8



A90045



004600



004C2A

Sweetspot

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



1308B8



AFAAF0



08AFB8



514E78



F7F7F7



787878

Same Dimension

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



1308B8



0F00F0



6908B8



53535C



0A009C



02001C

Inverse Universe

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



B808AD



F000E1



57B808



5C535B



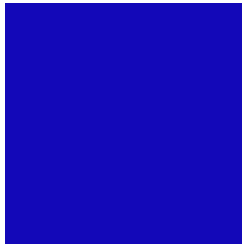
9C0092



1C001A

Previews

White Background



This preview shows how the Hex color 1308B8 looks on a white background.

Color Contrast Check

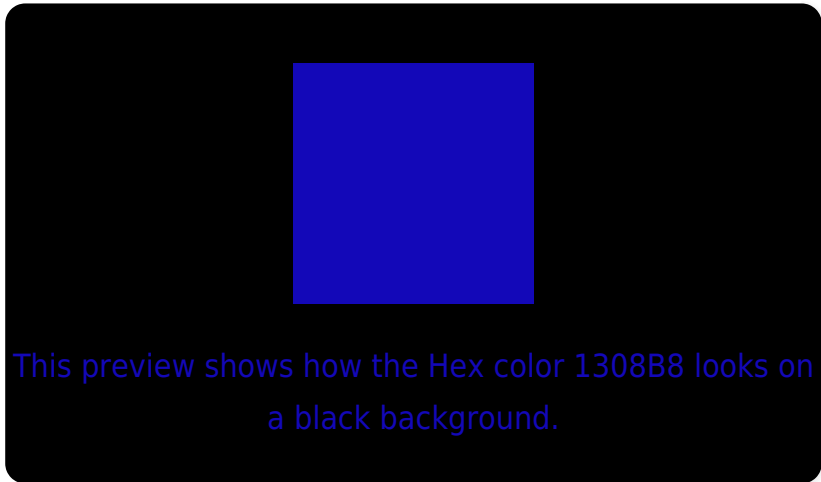
Large Text (above 18pt) WCAG AA ✓ Pass

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

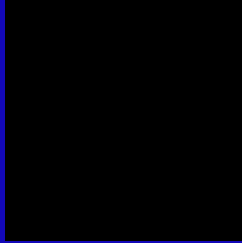
Any Text WCAG AA × Fail

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 1308B8 Background



This preview shows how black text looks on a background with the Hex color 1308B8.



This preview shows how white text looks on a background with the Hex color 1308B8.

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
1308B8

Protanopia
003672

Deuteranopia
003A61

Trichromacy



Original Color
1308B8

Protanomaly
07258B

Deuteranomaly
072881

Monochromacy



Original Color
1308B8

Achromatopsia
1F1F1F

Achromatomaly
1B1757

CSS Examples

Text

The CSS property to change the color of the text to Hex 1308B8 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 #1308B8 looks like.

```
.text, #text, p{  
    color:#1308B8  
}
```

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 #1308B8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1308B8
}
```

Border

The CSS property to change the border of an element to Hex 1308B8 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
#1308B8 }
```

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

```
.border{ border-color:#1308B8 }
```

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

Here you see how a box with a 4 pixel #1308B8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1308B8; -webkit-box-shadow:4px 4px  
4px 4px #1308B8; box-shadow:4px 4px 4px  
4px #1308B8 }
```

Background

The CSS property to change the background color of an element to Hex 1308B8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1308B8 }
```

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

```
.background{ background-color:#1308B8 }
```

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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