

Converting Colors

Hex(123178)

Have a look what the booklet for
Hex(123178) contains.

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Color

Hex(123178)

Conversions

Conversions Part 1

Format	Color
Hex	123178
RGB	18, 49, 120
RGB Percent	7%, 19%, 47%
CMY	0.9294, 0.8078, 0.5294
CMYK	0.85, 0.59, 0.00, 0.53
HSL	222°, 74%, 27%
HSV	222°, 85%, 47%
XYZ	4.7379, 3.6813, 18.2301
YIQ	47.8250, -41.2670, 15.5090

Conversions

Conversions Part 2

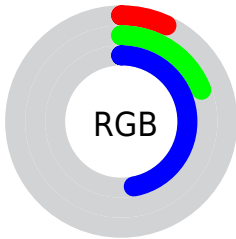
Format	Color
R_{YB}	18, 42, 120
Decimal	1192312
CIE _{Lab}	22.59, 17.69, -43.70
CIE _{LCh}	23, 47.143, 292.033
Yxy	3.6813, 0.1778, 0.1381
Android (android.graphics.Color)	4279382392 (0xFF123178)
YUV	47.8250, 35.5823, -26.1565
Hunter-Lab	19.1867, 10.5018, -42.9034

Details

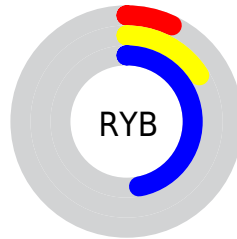
The Hex color **123178** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **785912**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **515FAD**, and **000347** is the 20% darker color. If you saturate the color by 10%, you get **062978**, and if you desaturate by 10%, it is **1E3978**.

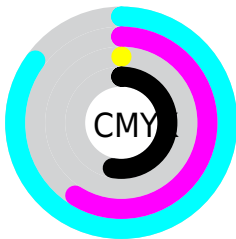
Distribution



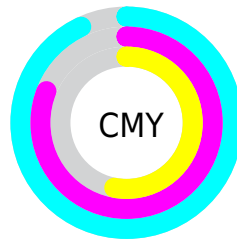
- Red (7%)
- Green (19%)
- Blue (47%)



- Red (7%)
- Yellow (16%)
- Blue (47%)



- Cyan (85%)
- Magenta (59%)
- Yellow (0%)
- Black (53%)



- Cyan (93%)
- Magenta (81%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 123178 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 123178 by changing the saturation by 10% instead.

■ 123178

■ 123178

FFFFFF

■ 001D5F

■ 515FAD

■ 000347

■ 6D77C9

■ 00042F

■ 8891E5

■ 00011A

■ A4ABFF

■ 000000

■ C1C6FF

■ DEE2FF

■ FBFFFF

■ 123178

■ 123178

■ 062978

■ 1E3978

■ 002478

■ 2A4278

■ 364A78

■ 425278

■ 4E5B78

■ 5A6378

■ 666B78

■ 727478

■ 7E7C78

Harmonies

Analogous

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



003D7C



123178



551C62

Triad

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



123178



642000



00442B

Complementary

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



123178



785912

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.



004102



123178



4B3100

Square

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



123178



71051E



2B3C00



004550

Rectangle

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



123178



68094C



2B3C00



00431F

Sweetspot

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



123178



737F9C



127858



373E4F



CFCFCF



4F4F4F

Same Dimension

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



123178



002F9C



251278



37393D



00267D



004DFC

Inverse Universe

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



781231



9C002F



657812



3D3739



7D0026



FC004D

Previews

White Background



This preview shows how the Hex color 123178 looks on a white background.

Color Contrast Check

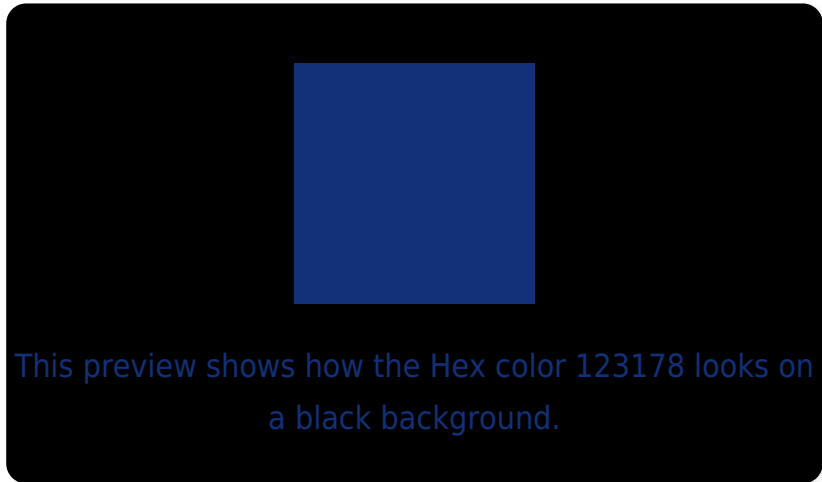
Large Text (above 18pt) WCAG AA ✓ Pass

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

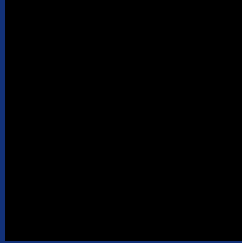
Any Text WCAG AA × Fail

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 123178 Background



This preview shows how black text looks on a background with the Hex color 123178.



This preview shows how white text looks on a background with the Hex color 123178.

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
123178

Protanopia
00346F

Deuteranopia
00385F



Tritanopia
003C40

Trichromacy



Original Color
123178

Protanomaly
073372

Deuteranomaly
073568

Tritanomaly
073854

Monochromacy



Original Color
123178

Achromatopsia
303030

Achromatomaly
25304A

CSS Examples

Text

The CSS property to change the color of the text to Hex 123178 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 #123178 looks like.

```
.text, #text, p{  
    color:#123178  
}
```

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 #123178 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #123178
}
```

Border

The CSS property to change the border of an element to Hex 123178 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
#123178 }
```

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

```
.border{ border-color:#123178 }
```

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

Here you see how a box with a 4 pixel #123178 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #123178; -webkit-box-shadow:4px 4px  
4px 4px #123178; box-shadow:4px 4px 4px  
4px #123178 }
```

Background

The CSS property to change the background color of an element to Hex 123178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#123178 }
```

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

```
.background{ background-color:#123178 }
```

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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