

Converting Colors

Hex(15228F)

Have a look what the booklet for
Hex(15228F) contains.

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Color

Hex(15228F)

Conversions

Conversions Part 1

Format	Color
Hex	15228F
RGB	21, 34, 143
RGB Percent	8%, 13%, 56%
CMY	0.9176, 0.8667, 0.4392
CMYK	0.85, 0.76, 0.00, 0.44
HSL	234°, 74%, 32%
HSV	234°, 85%, 56%
XYZ	5.8392, 3.2867, 26.3132
YIQ	42.5390, -42.7370, 31.1430

Conversions

Conversions Part 2

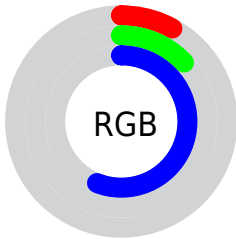
Format	Color
R_{YB}	21, 33, 143
Decimal	1385103
CIE _{Lab}	21.16, 37.13, -60.51
CIE _{LCh}	21, 70.996, 301.534
Yxy	3.2867, 0.1648, 0.0927
Android (android.graphics.Color)	4279575183 (0xFF15228F)
YUV	42.5390, 49.5273, -18.8897
Hunter-Lab	18.1291, 25.7671, -73.3651

Details

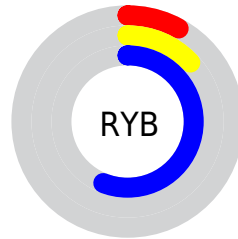
The Hex color **15228F** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8F8215**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **5B50C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **07158F**, and if you desaturate by 10%, it is **232F8F**.

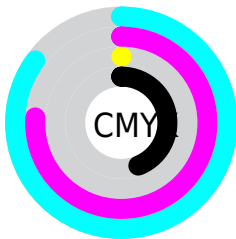
Distribution



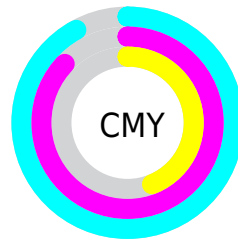
- Red (8%)
- Green (13%)
- Blue (56%)



- Red (8%)
- Yellow (13%)
- Blue (56%)



- Cyan (85%)
- Magenta (76%)
- Yellow (0%)
- Black (44%)



- Cyan (92%)
- Magenta (87%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15228F 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 15228F by changing the saturation by 10% instead.

■ 15228F

■ 15228F

FFFFFF

■ 000D75

■ 5B50C6

■ 00005B

■ 7868E2

■ 000743

■ 9581FF

■ 00032C

■ B29CFF

■ 000116

■ CFB7FF

■ 000000

■ EDD2FF

■ FFEFFF

■ 15228F

■ 15228F

■ 07158F

■ 232F8F

■ 000F8F

■ 323C8F

■ 40488F

■ 4E558F

■ 5D628F

■ 6B6F8F

■ 797B8F

■ 87888F

■ 96958F

Harmonies

Analogous

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



003BA0



15228F



6F0066

Triad

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



15228F



651600



004434

Complementary

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



15228F



8F8215

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



15228F



3D3200

Square

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



15228F



800000



003E00



00456A

Rectangle

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



15228F



820044



003E00



004422

Sweetspot

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



15228F



8A8FBA



158F81



41445E



DEDEDE



5E5E5E

Same Dimension

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



15228F



0014BA



44158F



404147



000E87



000108

Inverse Universe

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



8F1522



BA0014



608F15



474041



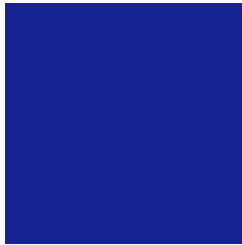
87000E



080001

Previews

White Background



This preview shows how the Hex color 15228F looks on a white background.

Color Contrast Check

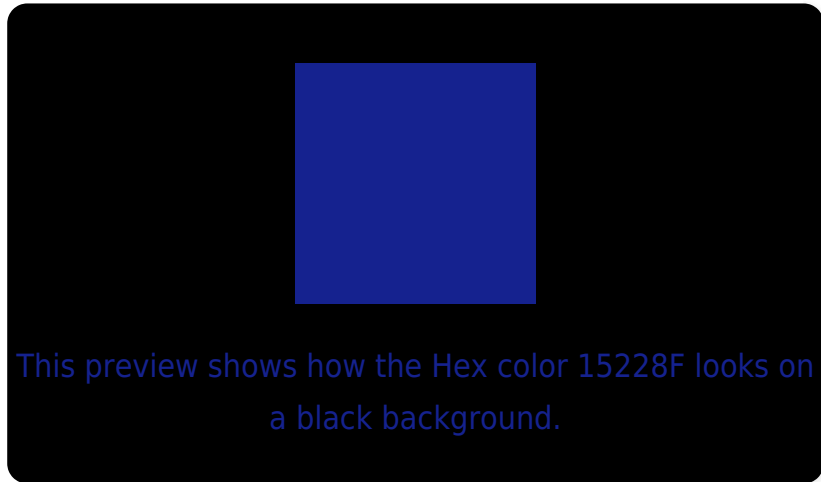
Large Text (above 18pt) WCAG AA ✓ Pass

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

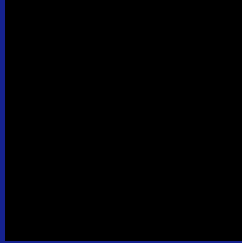
Any Text WCAG AA × Fail

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 15228F Background



This preview shows how black text looks on a background with the Hex color 15228F.



This preview shows how white text looks on a background with the Hex color 15228F.

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
15228F

Protanopia
003268

Deuteranopia
003559



Tritanopia
00393C

Trichromacy



Original Color
15228F

Protanomaly
082C76

Deuteranomaly
082E6D

Tritanomaly
08315A

Monochromacy



Original Color
15228F

Achromatopsia
2B2B2B

Achromatomaly
23284F

CSS Examples

Text

The CSS property to change the color of the text to Hex 15228F 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 #15228F looks like.

```
.text, #text, p{  
    color:#15228F  
}
```

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 #15228F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15228F
}
```

Border

The CSS property to change the border of an element to Hex 15228F 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
#15228F }
```

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

```
.border{ border-color:#15228F }
```

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

Here you see how a box with a 4 pixel #15228F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15228F; -webkit-box-shadow:4px 4px  
4px 4px #15228F; box-shadow:4px 4px 4px  
4px #15228F }
```

Background

The CSS property to change the background color of an element to Hex 15228F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15228F }
```

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

```
.background{ background-color:#15228F }
```

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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