

Converting Colors

Hex(14208A)

Have a look what the booklet for
Hex(14208A) contains.

Hex(14208A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(14208A)

Conversions

Conversions Part 1

Format	Color
Hex	14208A
RGB	20, 32, 138
RGB Percent	8%, 13%, 54%
CMY	0.9216, 0.8745, 0.4588
CMYK	0.86, 0.77, 0.00, 0.46
HSL	234°, 75%, 31%
HSV	234°, 86%, 54%
XYZ	5.3924, 3.0167, 24.3428
YIQ	40.4960, -41.1780, 30.4220

Conversions

Conversions Part 2

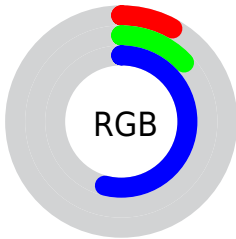
Format	Color
R_{YB}	20, 31, 138
Decimal	1319050
CIE _{Lab}	20.11, 36.48, -59.13
CIE _{LCh}	20, 69.472, 301.671
Yxy	3.0167, 0.1646, 0.0921
Android (android.graphics.Color)	4279509130 (0xFF14208A)
YUV	40.4960, 48.0695, -17.9750
Hunter-Lab	17.3687, 25.0234, -70.9388

Details

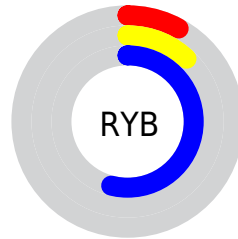
The Hex color **14208A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **8A7E14**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **594DC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **06148A**, and if you desaturate by 10%, it is **222C8A**.

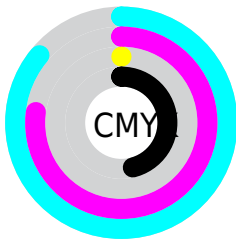
Distribution



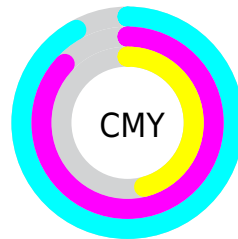
- Red (8%)
- Green (13%)
- Blue (54%)



- Red (8%)
- Yellow (12%)
- Blue (54%)



- Cyan (86%)
- Magenta (77%)
- Yellow (0%)
- Black (46%)



- Cyan (92%)
- Magenta (87%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14208A 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 14208A by changing the saturation by 10% instead.

■ 14208A

■ 14208A

FFFFFF

■ 000B70

■ 594DC1

■ 000057

■ 7666DD

■ 00063E

■ 937FFA

■ 000327

■ B099FF

■ 000111

■ CDB4FF

■ 000000

■ EBD0FF

■ FFECFF

■ 14208A

■ 14208A

■ 06148A

■ 222C8A

■ 000E8A

■ 30398A

■ 3D458A

■ 4B528A

■ 595E8A

■ 676A8A

■ 75778A

■ 82838A

■ 90908A

Harmonies

Analogous

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



00399A



14208A



6B0062

Triad

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



14208A



611400



004232

Complementary

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



14208A



8A7E14

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.



004000



14208A



3A3000

Square

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



14208A



7B0000



003B00



004366

Rectangle

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



14208A



7D0041



003B00



004120

Sweetspot

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



14208A



8489B3



148A7C



3E4059



D9D9D9



595959

Same Dimension

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



14208A



0012B3



41148A



3E3F45



000D85



000105

Inverse Universe

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



8A1420



B30012



5D8A14



453E3F



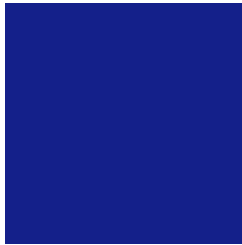
85000D



050001

Previews

White Background



This preview shows how the Hex color 14208A looks on a white background.

Color Contrast Check

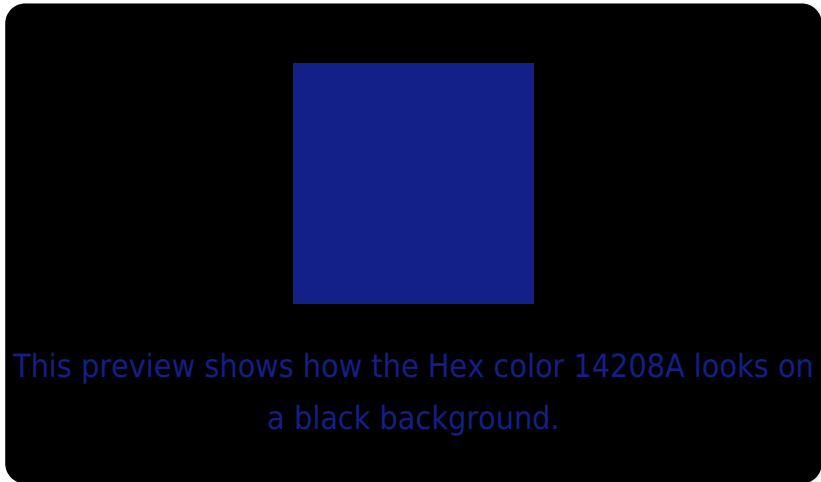
Large Text (above 18pt) WCAG AA ✓ Pass

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

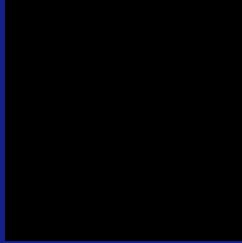
Any Text WCAG AA × Fail

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 14208A Background



This preview shows how black text looks on a background with the Hex color 14208A.



This preview shows how white text looks on a background with the Hex color 14208A.

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


14208A

Protanopia

003064

Deuteranopia

003355



Tritanopia
00373A

Trichromacy



Original Color

14208A

Protanomaly

072A72

Deuteranomaly

072C68

Tritanomaly

072F57

Monochromacy



Original Color

14208A

Achromatopsia

282828

Achromatomaly

21254C

CSS Examples

Text

The CSS property to change the color of the text to Hex 14208A 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 #14208A looks like.

```
.text, #text, p{  
    color:#14208A  
}
```

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 #14208A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14208A
}
```

Border

The CSS property to change the border of an element to Hex 14208A is called "border". The border property can be set on classes, ids or directly on the HTML element.

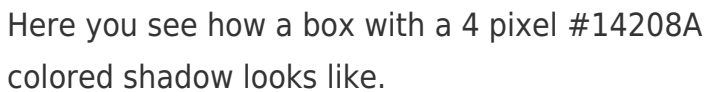
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#14208A }
```

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

```
.border{ border-color:#14208A }
```

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



Here you see how a box with a 4 pixel #14208A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14208A; -webkit-box-shadow:4px 4px  
4px 4px #14208A; box-shadow:4px 4px 4px  
4px #14208A }
```

Background

The CSS property to change the background color of an element to Hex 14208A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14208A }
```

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

```
.background{ background-color:#14208A }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor