

Converting Colors

Hex(142393)

Have a look what the booklet for
Hex(142393) contains.

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Color

Hex(142393)

Conversions

Conversions Part 1

Format	Color
Hex	142393
RGB	20, 35, 147
RGB Percent	8%, 14%, 58%
CMY	0.9216, 0.8627, 0.4235
CMYK	0.86, 0.76, 0.00, 0.42
HSL	233°, 76%, 33%
HSV	233°, 86%, 58%
XYZ	6.1560, 3.4574, 27.9466
YIQ	43.2830, -44.8920, 31.6520

Conversions

Conversions Part 2

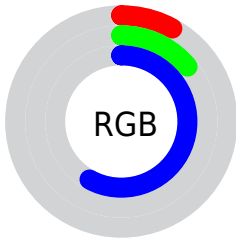
Format	Color
R_{YB}	20, 33, 147
Decimal	1319827
CIE _{Lab}	21.79, 37.91, -61.95
CIE _{LCh}	22, 72.627, 301.465
Yxy	3.4574, 0.1639, 0.0920
Android (android.graphics.Color)	4279509907 (0xFF142393)
YUV	43.2830, 51.1325, -20.4192
Hunter-Lab	18.5940, 26.5571, -76.0966

Details

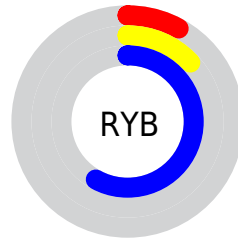
The Hex color **142393** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **938414**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **5C51CA**, and **00005F** is the 20% darker color. If you saturate the color by 10%, you get **051693**, and if you desaturate by 10%, it is **233093**.

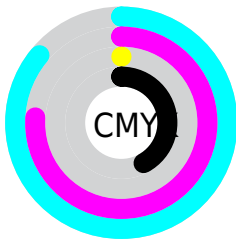
Distribution



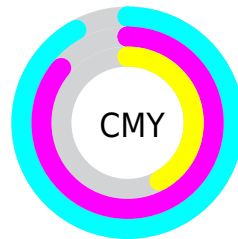
- Red (8%)
- Green (14%)
- Blue (58%)



- Red (8%)
- Yellow (13%)
- Blue (58%)



- Cyan (86%)
- Magenta (76%)
- Yellow (0%)
- Black (42%)



- Cyan (92%)
- Magenta (86%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 142393 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 142393 by changing the saturation by 10% instead.

■ 142393

■ 142393

FFFFFF

■ 000E79

■ 5C51CA

■ 00005F

■ 7969E7

■ 000646

■ 9683FF

■ 00042F

■ B39DFF

■ 000119

■ D1B8FF

■ 000000

■ EFD4FF

■ FFF0FF

■ 142393

■ 142393

■ 051693

■ 233093

■ 001193

■ 313D93

■ 404A93

■ 4F5793

■ 5E6493

■ 6C7193

■ 7B7E93

■ 8A8B93

■ 989893

Harmonies

Analogous

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



003DA4



142393



710069

Triad

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



142393



671600



004636

Complementary

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



142393



938414

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.



004400



142393



3F3400

Square

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



142393



830000



003F00



00476C

Rectangle

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



142393



850046



003F00



004622

Sweetspot

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



142393



8E93BF



149382



434661



E0E0E0



616161

Same Dimension

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



142393



0017BF



431493



43434A



00108A



00010A

Inverse Universe

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



931423



BF0017



649314



4A4343



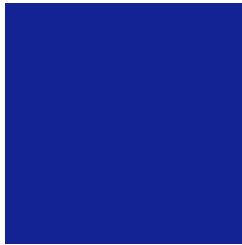
8A0010



0A0001

Previews

White Background



This preview shows how the Hex color 142393 looks on a white background.

Color Contrast Check

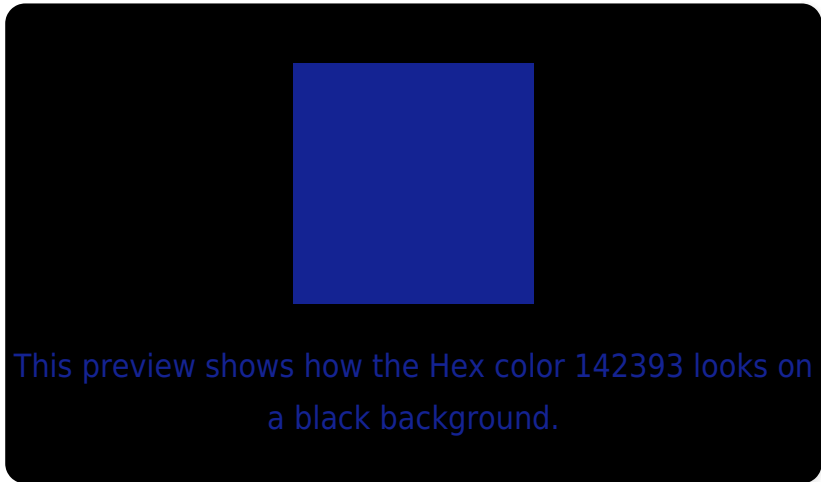
Large Text (above 18pt) WCAG AA ✓ Pass

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

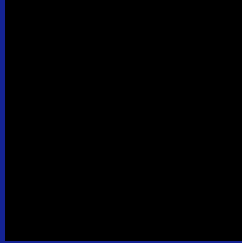
Any Text WCAG AA × Fail

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 142393 Background



This preview shows how black text looks on a background with the Hex color 142393.



This preview shows how white text looks on a background with the Hex color 142393.

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

142393

Protanopia

00336B

Deuteranopia

00365B



Tritanopia
003B3E

Trichromacy



Original Color
142393

Protanomaly
072D7A

Deuteranomaly
072F6F

Tritanomaly
07325D

Monochromacy



Original Color
142393

Achromatopsia
2B2B2B

Achromatomaly
232851

CSS Examples

Text

The CSS property to change the color of the text to Hex 142393 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 #142393 looks like.

```
.text, #text, p{  
    color:#142393  
}
```

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 #142393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142393
}
```

Border

The CSS property to change the border of an element to Hex 142393 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".

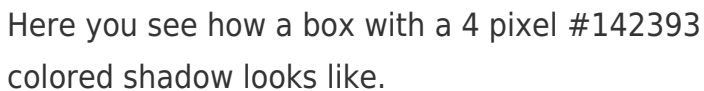
```
.border, #border, table{ border:4px solid
#142393 }
```

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

```
.border{ border-color:#142393 }
```

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

Here you see how a box with a 4 pixel #142393 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142393; -webkit-box-shadow:4px 4px  
4px 4px #142393; box-shadow:4px 4px 4px  
4px #142393 }
```

Background

The CSS property to change the background color of an element to Hex 142393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142393 }
```

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

```
.background{ background-color:#142393 }
```

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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