

Converting Colors

Hex(144202)

Have a look what the booklet for
Hex(144202) contains.

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Color

Hex(144202)

Conversions

Conversions Part 1

Format	Color
Hex	144202
RGB	20, 66, 2
RGB Percent	8%, 26%, 1%
CMY	0.9216, 0.7412, 0.9922
CMYK	0.70, 0.00, 0.97, 0.74
HSL	103°, 94%, 13%
HSV	103°, 97%, 26%
XYZ	2.2477, 4.0495, 0.7206
YIQ	44.9500, -6.8720, -29.6560

Conversions

Conversions Part 2

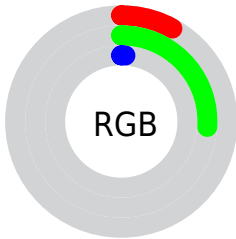
Format	Color
R_{YB}	2, 66, 48
Decimal	1327618
CIE _{Lab}	23.83, -28.18, 30.79
CIE _{LCh}	24, 41.740, 132.473
Yxy	4.0495, 0.3203, 0.5770
Android (android.graphics.Color)	4279517698 (0xFF144202)
YUV	44.9500, -21.1743, -21.8811
Hunter-Lab	20.1235, -15.2787, 11.9633

Details

The Hex color **144202** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **300242**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **467332**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **134200**, and if you desaturate by 10%, it is **194209**.

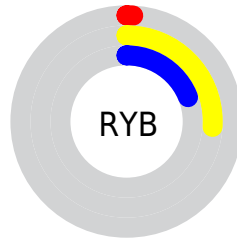
Distribution



Red (8%)

Green (26%)

Blue (1%)



Red (1%)

Yellow (26%)

Blue (19%)

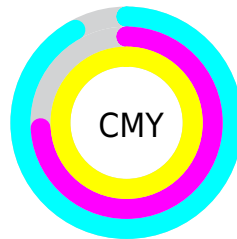


Cyan (70%)

Magenta (0%)

Yellow (97%)

Black (74%)



Cyan (92%)

Magenta (74%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 144202 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 144202 by changing the saturation by 10% instead.

 144202

 144202

 FFFFE9

 002B00

 467332

 001600

 608C4A

 000000

 7AA762

 94C27B

 AFDE96

 CBFBB1

 E8FFCC

 144202

 144202

■ 134200

■ 194209

■ 1D420F

■ 224216

■ 27421C

■ 2C4223

■ 30422A

■ 354230

■ 3A4237

■ 3F423D

Harmonies

Analogous

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



3B3B00



144202



004525

Triad

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



144202



004175



6F132D

Complementary

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



144202



300242

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.



67184C



144202



003876

Square

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



144202



004663



4A2A67



68210F

Rectangle

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



144202



00463B



4A2A67



6E1238

Sweetspot

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



144202



45573E



423002



202B1C



ABABAB



2B2B2B

Same Dimension

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



144202



185700



024210



1F211E



1B6100



3FE000

Inverse Universe

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



300242



3E0057



420234



201E21



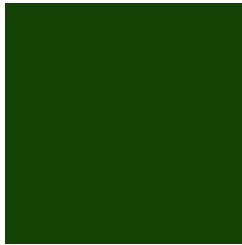
460061



A100E0

Previews

White Background



This preview shows how the Hex color 144202 looks on a white background.

Color Contrast Check

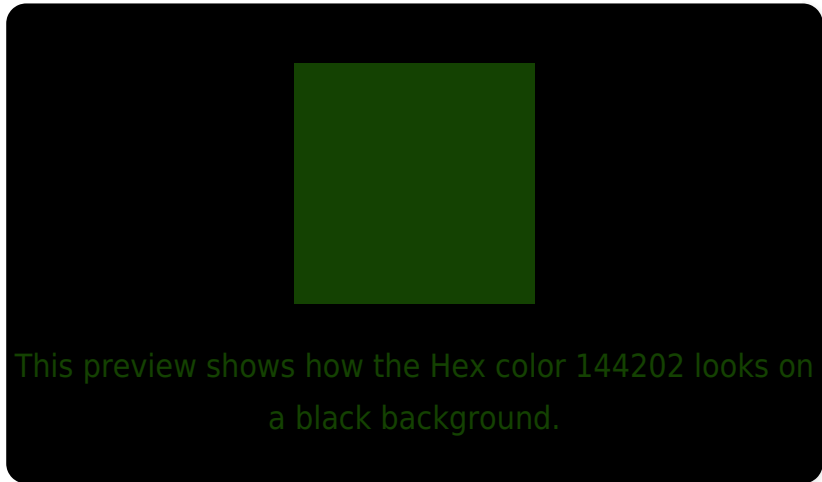
Large Text (above 18pt) WCAG AA ✓ Pass

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

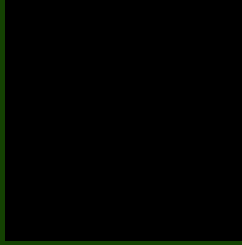
Any Text WCAG AA × Fail

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 144202 Background



This preview shows how black text looks on a background with the Hex color 144202.



This preview shows how white text looks on a background with the Hex color 144202.

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
144202

Protanopia
403900

Deuteranopia
48360E



Tritanopia
213D42

Trichromacy



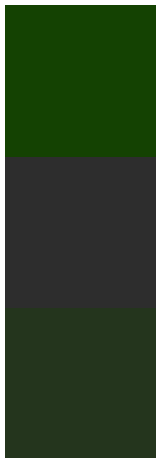
Original Color
144202

Protanomaly
303C01

Deuteranomaly
353A0A

Tritanomaly
1C3F2B

Monochromacy



Original Color
144202

Achromatopsia
2D2D2D

Achromatomaly
24351D

CSS Examples

Text

The CSS property to change the color of the text to Hex 144202 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 #144202 looks like.

```
.text, #text, p{  
    color:#144202  
}
```

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 #144202 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144202
}
```

Border

The CSS property to change the border of an element to Hex 144202 is called "border". The border property can be set on classes, ids or directly on the HTML element.

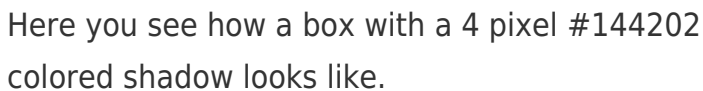
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#144202 }
```

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

```
.border{ border-color:#144202 }
```

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



Here you see how a box with a 4 pixel #144202 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144202; -webkit-box-shadow:4px 4px  
4px 4px #144202; box-shadow:4px 4px 4px  
4px #144202 }
```

Background

The CSS property to change the background color of an element to Hex 144202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144202 }
```

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

```
.background{ background-color:#144202 }
```

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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