

Converting Colors

Hex(153402)

Have a look what the booklet for
Hex(153402) contains.

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Color

Hex(153402)

Conversions

Conversions Part 1

Format	Color
Hex	153402
RGB	21, 52, 2
RGB Percent	8%, 20%, 1%
CMY	0.9176, 0.7961, 0.9922
CMYK	0.60, 0.00, 0.96, 0.80
HSL	97°, 93%, 11%
HSV	97°, 96%, 20%
XYZ	1.5482, 2.6198, 0.4815
YIQ	37.0310, -2.4260, -22.1220

Conversions

Conversions Part 2

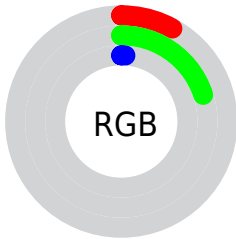
Format	Color
R_{YB}	2, 52, 33
Decimal	1389570
CIE _{Lab}	18.45, -21.75, 24.93
CIE _{LCh}	18, 33.084, 131.112
Yxy	2.6198, 0.3330, 0.5635
Android (android.graphics.Color)	4279579650 (0xFF153402)
YUV	37.0310, -17.2703, -14.0592
Hunter-Lab	16.1858, -11.2512, 9.5663

Details

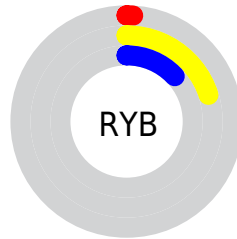
The Hex color **153402** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **210234**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **436331**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **143400**, and if you desaturate by 10%, it is **183407**.

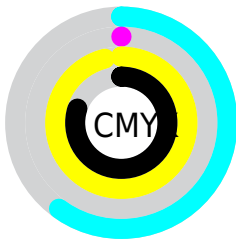
Distribution



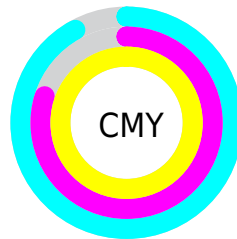
- Red (8%)
- Green (20%)
- Blue (1%)



- Red (1%)
- Yellow (20%)
- Blue (13%)



- Cyan (60%)
- Magenta (0%)
- Yellow (96%)
- Black (80%)




- Cyan (92%)
- Magenta (80%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 153402 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 153402 by changing the saturation by 10% instead.

 153402

 153402

 FFFFE5

 002000

 436331

 000000

 5C7C48

 759660


 8FB179

 AAC93

 C6E9AE

 E2FFC9

 153402

 153402

■ 143400

■ 183407

■ 1B340C

■ 1F3412

■ 223417

■ 25341C

■ 283421

■ 2C3426

■ 2F342C

■ 323431

Harmonies

Analogous

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



312F00



153402



00371C

Triad

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



153402



00345A



571325

Complementary

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



153402



210234

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.



50163D



153402



002D5C

Square

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



153402



00374C



392251



521B0E

Rectangle

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



153402



00382D



392251



56122D

Sweetspot

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



153402



384531



342102



1C2417



A3A3A3



242424

Same Dimension

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



153402



1A4500



023408



181A17



225900



52D900

Inverse Universe

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



210234



2B0045



34022E



19171A



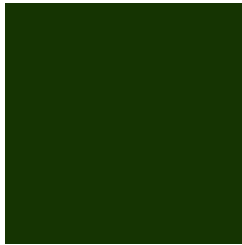
370059



8600D9

Previews

White Background



This preview shows how the Hex color 153402 looks on a white background.

Color Contrast Check

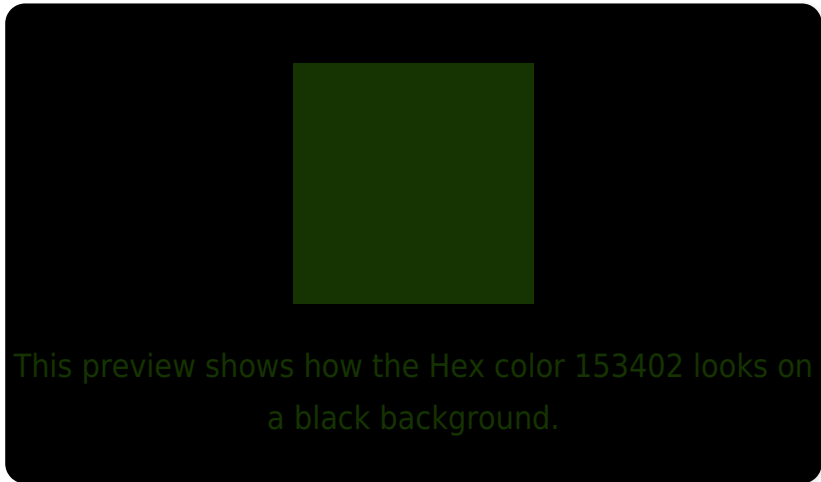
Large Text (above 18pt) WCAG AA ✓ Pass

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

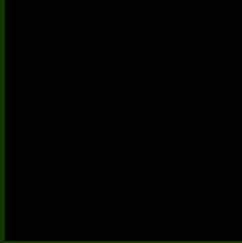
Any Text WCAG AA × Fail

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 153402 Background



This preview shows how black text looks on a background with the Hex color 153402.



This preview shows how white text looks on a background with the Hex color 153402.

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
153402

Protanopia
332D00

Deuteranopia
392B0B



Tritanopia
1D3034

Trichromacy



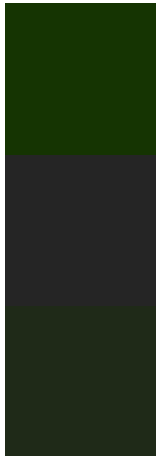
Original Color
153402

Protanomaly
283001

Deuteranomaly
2C2E08

Tritanomaly
1A3122

Monochromacy



Original Color
153402

Achromatopsia
252525

Achromatomaly
1F2A18

CSS Examples

Text

The CSS property to change the color of the text to Hex 153402 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 #153402 looks like.

```
.text, #text, p{  
    color:#153402  
}
```

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 #153402 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #153402
}
```

Border

The CSS property to change the border of an element to Hex 153402 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
#153402 }
```

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

```
.border{ border-color:#153402 }
```

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

Here you see how a box with a 4 pixel #153402 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #153402; -webkit-box-shadow:4px 4px  
4px 4px #153402; box-shadow:4px 4px 4px  
4px #153402 }
```

Background

The CSS property to change the background color of an element to Hex 153402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#153402 }
```

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

```
.background{ background-color:#153402 }
```

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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