

Converting Colors

Hex(114433)

Have a look what the booklet for
Hex(114433) contains.

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Color

Hex(114433)

Conversions

Conversions Part 1

Format	Color
Hex	114433
RGB	17, 68, 51
RGB Percent	7%, 27%, 20%
CMY	0.9333, 0.7333, 0.8000
CMYK	0.75, 0.00, 0.25, 0.73
HSL	160°, 60%, 17%
HSV	160°, 75%, 27%
XYZ	2.8958, 4.4924, 3.8465
YIQ	50.8130, -24.9390, -16.0990

Conversions

Conversions Part 2

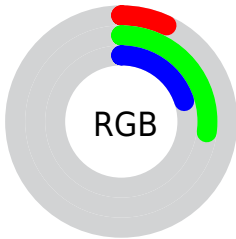
Format	Color
R_{YB}	17, 48, 68
Decimal	1131571
CIE Lab	25.24, -21.58, 5.47
CIE LCh	25, 22.264, 165.768
Yxy	4.4924, 0.2578, 0.3999
Android (android.graphics.Color)	4279321651 (0xFF114433)
YUV	50.8130, 0.0922, -29.6540
Hunter-Lab	21.1954, -12.7042, 4.0770

Details

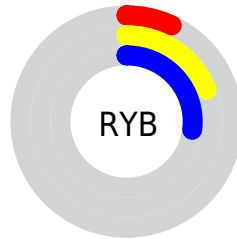
The Hex color **114433** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **441122**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **437561**, and **001B05** is the 20% darker color. If you saturate the color by 10%, you get **0A4431**, and if you desaturate by 10%, it is **184435**.

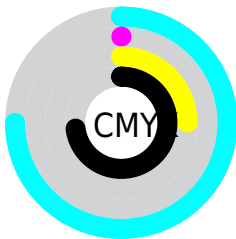
Distribution



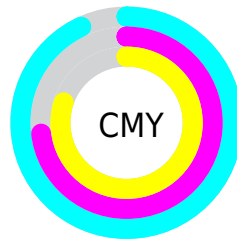
- Red (7%)
- Green (27%)
- Blue (20%)



- Red (7%)
- Yellow (19%)
- Blue (27%)



- Cyan (75%)
- Magenta (0%)
- Yellow (25%)
- Black (73%)



- Cyan (93%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 114433 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 114433 by changing the saturation by 10% instead.

■ 114433

■ 114433

FFFFFF

■ 002D1E

■ 437561

■ 001B05

■ 5C8E7A

■ 000000

■ 76A994

■ 90C4AF

■ ABE0CA

■ C7FDE6

■ E3FFFF

■ 114433

■ 114433

■ 0A4431

■ 184435

■ 03442E

■ 1F4438

■ 00442D

■ 25443A

■ 2C443C

■ 33443E

■ 3A4441

■ 414443

■ 474445

■ 4E4447

Harmonies

Analogous

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



2B4224



114433



004544

Triad

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



114433



313A5C



583224

Complementary

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



114433



441122

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.



5C2E34



114433



493453

Square

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



114433



0A405C



572F45



4D381B

Rectangle

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



114433



00444F



572F45



5A3029

Sweetspot

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



114433



455952



224411



212E2A



ADADAD



2E2E2E

Same Dimension

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



114433



09593E



113B44



1E2120



006141



00E096

Inverse Universe

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



441122



590924



441A11



211E1F



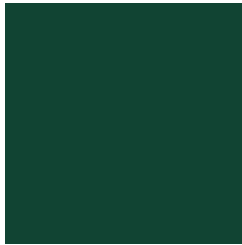
610020



E0004B

Previews

White Background



This preview shows how the Hex color 114433 looks on a white background.

Color Contrast Check

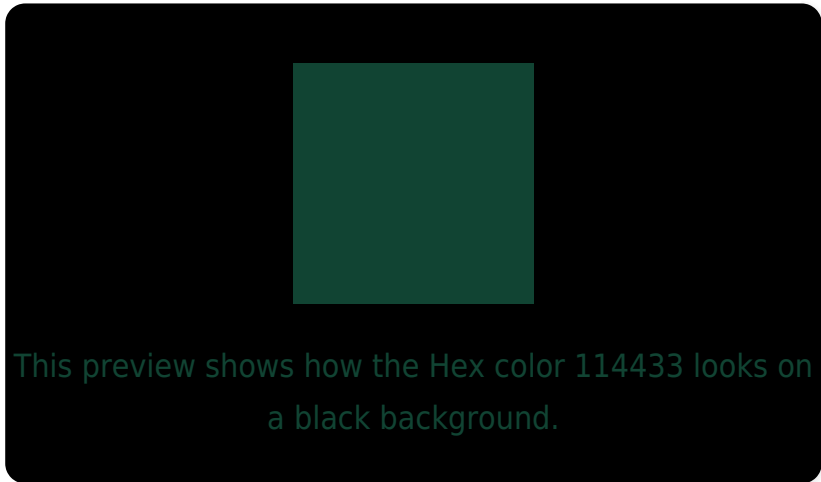
Large Text (above 18pt) WCAG AA ✓ Pass

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

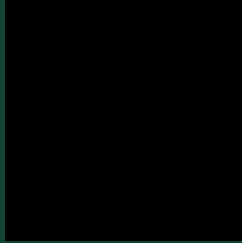
Any Text WCAG AA × Fail

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 114433 Background



This preview shows how black text looks on a background with the Hex color 114433.



This preview shows how white text looks on a background with the Hex color 114433.

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
114433

Protanopia
403C2F

Deuteranopia
443A35



Tritanopia
1B4147

Trichromacy



Original Color
114433

Protanomaly
2F3F30

Deuteranomaly
313E34

Tritanomaly
174240

Monochromacy



Original Color
114433

Achromatopsia
333333

Achromatomaly
273933

CSS Examples

Text

The CSS property to change the color of the text to Hex 114433 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 #114433 looks like.

```
.text, #text, p{  
    color:#114433  
}
```

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 #114433 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #114433
}
```

Border

The CSS property to change the border of an element to Hex 114433 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
#114433 }
```

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

```
.border{ border-color:#114433 }
```

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

Here you see how a box with a 4 pixel #114433 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #114433; -webkit-box-shadow:4px 4px  
4px 4px #114433; box-shadow:4px 4px 4px  
4px #114433 }
```

Background

The CSS property to change the background color of an element to Hex 114433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#114433 }
```

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

```
.background{ background-color:#114433 }
```

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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