

Converting Colors

Hex(122432)

Have a look what the booklet for
Hex(122432) contains.

Hex(122432)	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(122432)

Conversions

Conversions Part 1

Format	Color
Hex	122432
RGB	18, 36, 50
RGB Percent	7%, 14%, 20%
CMY	0.9294, 0.8588, 0.8039
CMYK	0.64, 0.28, 0.00, 0.80
HSL	206°, 47%, 13%
HSV	206°, 64%, 20%
XYZ	1.4561, 1.6206, 3.2537
YIQ	32.2140, -15.2220, 0.5380

Conversions

Conversions Part 2

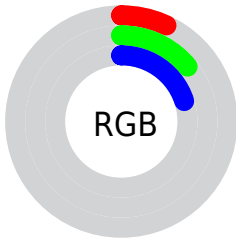
Format	Color
R_{YB}	18, 30, 50
Decimal	1188914
CIE _{Lab}	13.36, -2.35, -11.45
CIE _{LCh}	13, 11.690, 258.392
Yxy	1.6206, 0.2300, 0.2560
Android (android.graphics.Color)	4279378994 (0xFF122432)
YUV	32.2140, 8.7685, -12.4657
Hunter-Lab	12.7304, -1.8622, -6.2422

Details

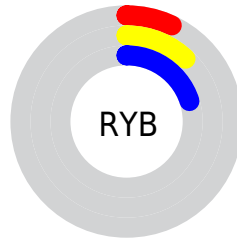
The Hex color **122432** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322012**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **3F5060**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **0D2232**, and if you desaturate by 10%, it is **172632**.

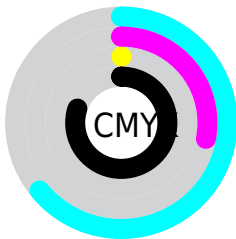
Distribution



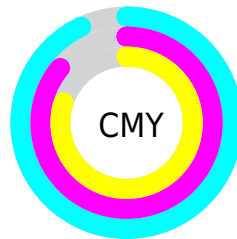
- Red (7%)
- Green (14%)
- Blue (20%)



- Red (7%)
- Yellow (12%)
- Blue (20%)



- Cyan (64%)
- Magenta (28%)
- Yellow (0%)
- Black (80%)



- Cyan (93%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 122432 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 122432 by changing the saturation by 10% instead.

■ 122432

■ 122432

■ F8FFFF

■ 000F1D

■ 3F5060

■ 000000

■ 576879

■ 708293

■ 8A9CAD

■ A4B6C9

■ BFD2E5

■ DBEEFF

■ 122432

■ 122432

■ 0D2232

■ 172632

■ 082032

■ 1C2832

■ 031D32

■ 212B32

■ 001C32

■ 262D32

■ 2B2F32

■ 303132

■ 353332

■ 3A3632

■ 3F3832

Harmonies

Analogous

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



07262E



122432



1F2132

Triad

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



122432



321C1E



192517

Complementary

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



122432



322012

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.



232313



122432



301E16

Square

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



122432



301C26



2B2112



10261F

Rectangle

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



122432



261F2F



2B2112



1D2515

Sweetspot

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



122432



343A40



123220



1A1E21



A1A1A1



212121

Same Dimension

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



122432



0F2A40



121432



17181A



003259



007AD9

Inverse Universe

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



321224



400F2A



323012



1A1718



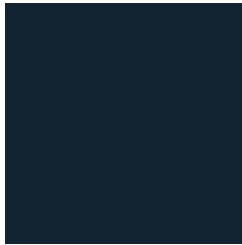
590032



D9007A

Previews

White Background



This preview shows how the Hex color 122432 looks on a white background.

Color Contrast Check

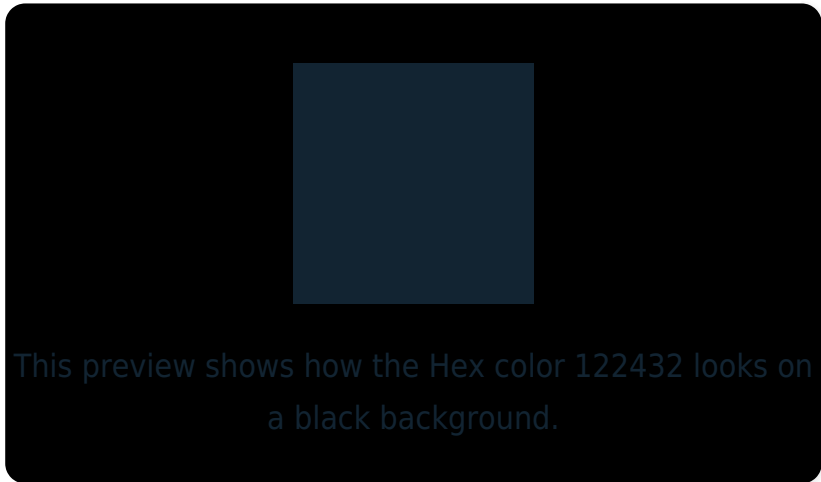
Large Text (above 18pt) WCAG AA ✓ Pass

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

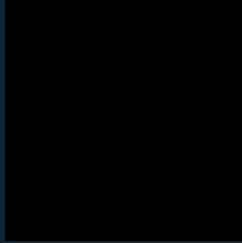
Any Text WCAG AA × Fail

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 122432 Background



This preview shows how black text looks on a background with the Hex color 122432.



This preview shows how white text looks on a background with the Hex color 122432.

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
122432

Protanopia
1E2230

Deuteranopia
1C2232



Tritanopia
0D2629

Trichromacy



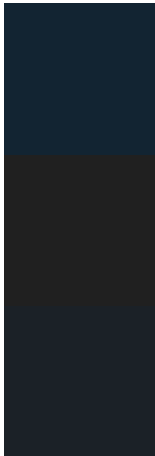
Original Color
122432

Protanomaly
1A2331

Deuteranomaly
182332

Tritanomaly
0F252C

Monochromacy



Original Color
122432

Achromatopsia
202020

Achromatomaly
1B2127

CSS Examples

Text

The CSS property to change the color of the text to Hex 122432 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 #122432 looks like.

```
.text, #text, p{  
    color:#122432  
}
```

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 #122432 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122432
}
```

Border

The CSS property to change the border of an element to Hex 122432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

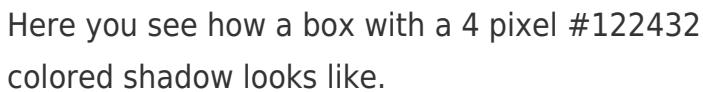
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#122432 }
```

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

```
.border{ border-color:#122432 }
```

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



Here you see how a box with a 4 pixel #122432 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122432; -webkit-box-shadow:4px 4px  
4px 4px #122432; box-shadow:4px 4px 4px  
4px #122432 }
```

Background

The CSS property to change the background color of an element to Hex 122432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122432 }
```

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

```
.background{ background-color:#122432 }
```

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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