

Converting Colors

Hex(15232B)

Have a look what the booklet for
Hex(15232B) contains.

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Color

Hex(15232B)

Conversions

Conversions Part 1	
Format	Color
Hex	15232B
RGB	21, 35, 43
RGB Percent	8%, 14%, 17%
CMY	0.9176, 0.8627, 0.8314
CMYK	0.51, 0.19, 0.00, 0.83
HSL	202°, 34%, 13%
HSV	202°, 51%, 17%
XYZ	1.3463, 1.5359, 2.5110
YIQ	31.7260, -10.9120, -0.4800

Conversions

Conversions Part 2

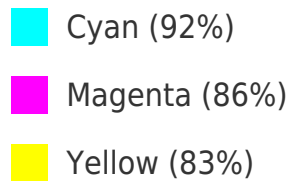
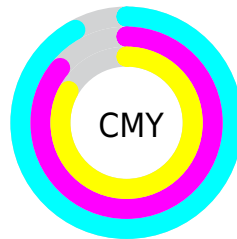
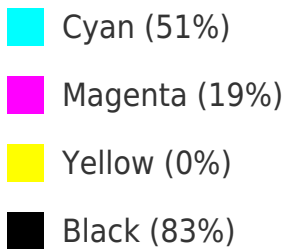
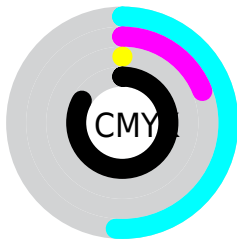
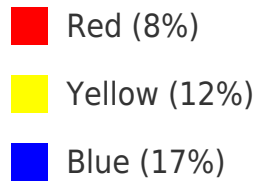
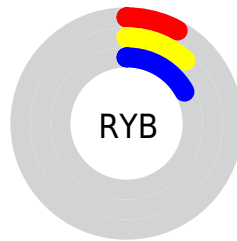
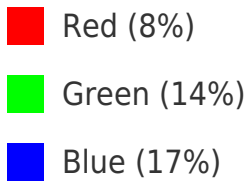
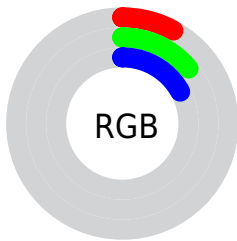
Format	Color
RYB	21, 30, 43
Decimal	1385259
CIELab	12.83, -3.31, -7.21
CIELCh	13, 7.936, 245.361
Yxy	1.5359, 0.2496, 0.2848
Android (android.graphics.Color)	4279575339 (0xFF15232B)
YUV	31.7260, 5.5581, -9.4067
Hunter-Lab	12.3932, -2.2967, -3.3376

Details

The Hex color **15232B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B1D15**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **414F58**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **11212B**, and if you desaturate by 10%, it is **19252B**.


Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 15232B 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 15232B by changing the saturation by 10% instead.

 15232B

 15232B


 F9FFFF

 000D17

 414F58

 000000

 596771


 71808A


 8B9AA5

 A5B5C0

 C0D1DB

 DCEDF8

 15232B

 15232B

■ 11212B

■ 19252B

■ 0C202B

■ 1E262B

■ 081E2B

■ 22282B

■ 041D2B

■ 26292B

■ 001B2B

■ 2B2B2B

■ 2F2C2B

■ 332E2B

■ 37302B

■ 3C312B

Harmonies

Analogous

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



112427



15232B



1C212C

Triad

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



15232B



2C1D20



1E2318

Complementary

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



15232B



2B1D15

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.



242116



15232B



2C1E1B

Square

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



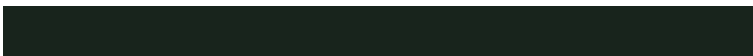
15232B



291E26



291F17



18241C

Rectangle

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



15232B



21202B



291F17



202217

Sweetspot

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



15232B



303538



152B1D



171A1C



9C9C9C



1C1C1C

Same Dimension

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



15232B



162C38



15182B



121414



003654



0087D4

Inverse Universe

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



2B1523



38162C



2B2815



141214



540036



D40087

Previews

White Background



This preview shows how the Hex color 15232B looks on a white background.

Color Contrast Check

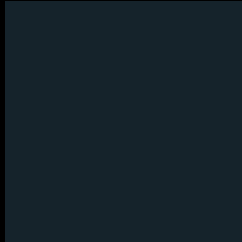
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Hex color 15232B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

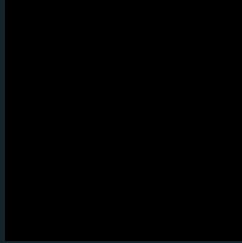
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

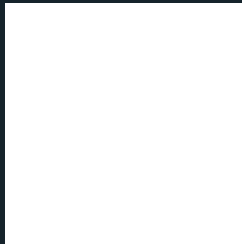
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 15232B Background



This preview shows how black text looks on a background with the Hex color 15232B.

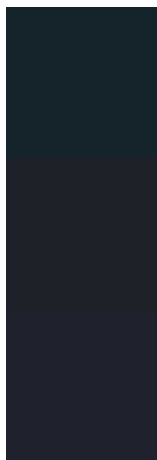


This preview shows how white text looks on a background with the Hex color 15232B.

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

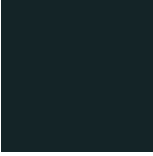
15232B

Protanopia

1F2129

Deuteranopia

1F212C



Tritanopia
142427

Trichromacy



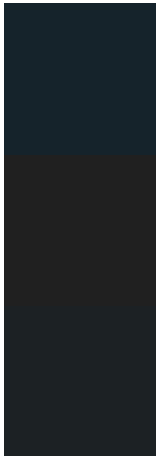
Original Color
15232B

Protanomaly
1B222A

Deuteranomaly
1B222C

Tritanomaly
142428

Monochromacy



Original Color
15232B

Achromatopsia
202020

Achromatomaly
1C2124

CSS Examples

Text

The CSS property to change the color of the text to Hex 15232B 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 #15232B looks like.

```
.text, #text, p{  
    color:#15232B  
}
```

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 #15232B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15232B
}
```

Border

The CSS property to change the border of an element to Hex 15232B 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
#15232B }
```

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

```
.border{ border-color:#15232B }
```

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

Here you see how a box with a 4 pixel #15232B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15232B; -webkit-box-shadow:4px 4px  
4px 4px #15232B; box-shadow:4px 4px 4px  
4px #15232B }
```

Background

The CSS property to change the background color of an element to Hex 15232B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15232B }
```

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

```
.background{ background-color:#15232B }
```

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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