

# Converting Colors

Hex(142D29)

Have a look what the booklet for  
Hex(142D29) contains.

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# Color

**Hex(142D29)**

# Conversions

## Conversions Part 1

Format	Color
Hex	142D29
RGB	20, 45, 41
RGB Percent	8%, 18%, 16%
CMY	0.9216, 0.8235, 0.8392
CMYK	0.56, 0.00, 0.09, 0.82
HSL	170°, 38%, 13%
HSV	170°, 56%, 18%
XYZ	1.6271, 2.1856, 2.4339
YIQ	37.0690, -13.6160, -6.5440

# Conversions

## Conversions Part 2

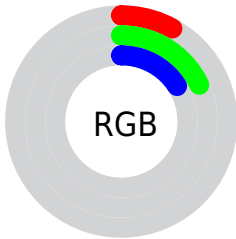
Format	Color
<b>RYB</b>	20, 34, 45
Decimal	1322281
CIELab	16.43, -10.93, -0.42
CIELCh	16, 10.940, 182.207
Yxy	2.1856, 0.2605, 0.3499
Android (android.graphics.Color)	4279512361 (0xFF142D29)
YUV	37.0690, 1.9380, -14.9695
Hunter-Lab	14.7837, -6.2256, 0.5874

# Details

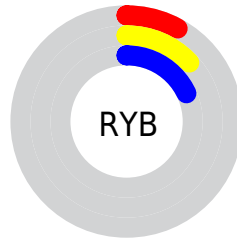
The Hex color **142D29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2D1418**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **415B56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **102D28**, and if you desaturate by 10%, it is **192D2A**.

# Distribution



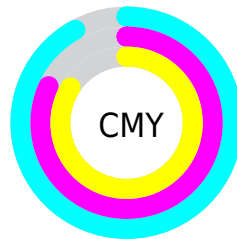
- Red (8%)
- Green (18%)
- Blue (16%)



- Red (8%)
- Yellow (13%)
- Blue (18%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (82%)



- Cyan (92%)
- Magenta (82%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142D29 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 142D29 by changing the saturation by 10% instead.



■ 142D29

■ 142D29

■ F9FFFF

■ 001915

■ 415B56

■ 000000

■ 58736E

■ 718D88

■ 8BA7A2

■ A6C3BD

■ C1DFD9

■ DDFBF5

■ 142D29

■ 142D29

■ 102D28

■ 192D2A

■ 0B2D28

■ 1D2D2A

■ 062D27

■ 222D2B

■ 022D26

■ 262D2C

■ 002D26

■ 2B2D2D

■ 2F2D2D

■ 342D2E

■ 382D2F

■ 3D2D2F

# Harmonies

## Analogous

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



1C2C21



142D29



102D31

# Triad

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



142D29



2B2636



34261B

# Complementary

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



142D29



2D1418

# 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.



382421



142D29



332430

# Square

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



142D29



1F2938



382328



2E2819

# Rectangle

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



142D29



122C35



382328



36251D



# Sweetspot

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



142D29



313B39



182D14



181F1E



9E9E9E



1F1F1F



# Same Dimension

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



142D29



133B34



14252D



151717



005749



00D6B4



# Inverse Universe

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



2D1418



3B131A



2D1C14



171515



57000E

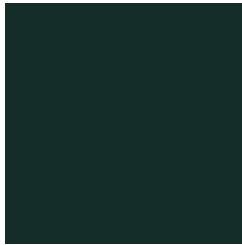


D60022



# Previews

## White Background



This preview shows how the Hex color 142D29 looks on a white background.

## Color Contrast Check

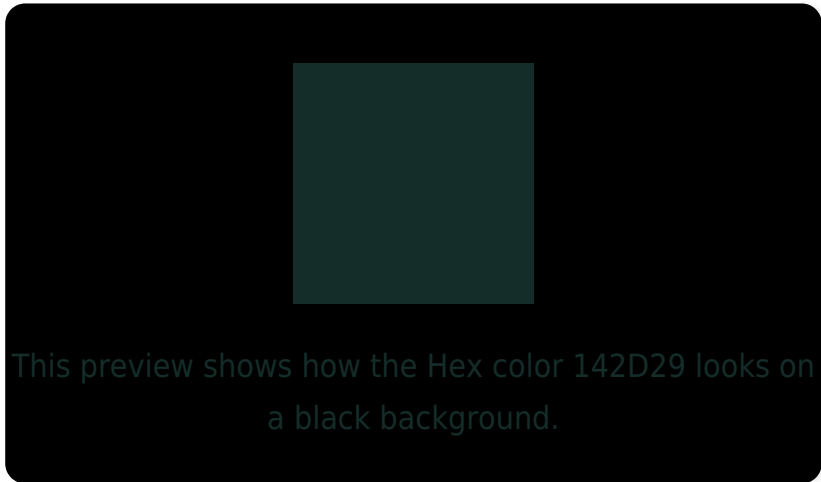
Large Text (above 18pt) WCAG AA ✓ Pass

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

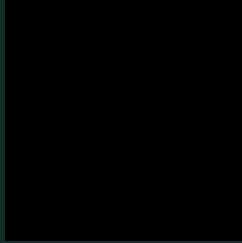
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 142D29 Background



This preview shows how black text looks on a background with the Hex color 142D29.



This preview shows how white text looks on a background with the Hex color 142D29.

# 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**  
142D29

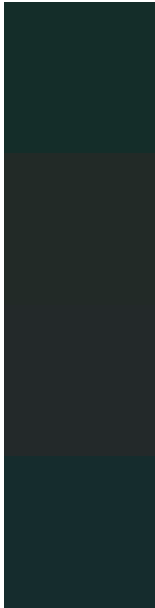
**Protanopia**  
2A2926

**Deuteranopia**  
2C272A



**Tritanopia**  
162C30

# Trichromacy



**Original Color**  
142D29

**Protanomaly**  
222A27

**Deuteranomaly**  
23292A

**Tritanomaly**  
152C2D

# Monochromacy



**Original Color**  
142D29

**Achromatopsia**  
252525

**Achromatomaly**  
1F2826

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142D29 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 #142D29 looks like.

```
.text, #text, p{  
    color:#142D29  
}
```

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 #142D29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142D29
}
```

## Border

The CSS property to change the border of an element to Hex 142D29 is called "border". The border property can be set on classes, ids or directly on the HTML element.

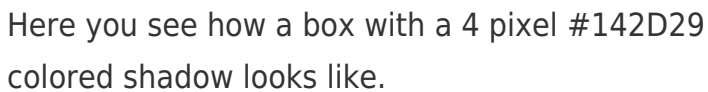
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#142D29 }
```

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

```
.border{ border-color:#142D29 }
```

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



Here you see how a box with a 4 pixel #142D29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142D29; -webkit-box-shadow:4px 4px  
4px 4px #142D29; box-shadow:4px 4px 4px  
4px #142D29 }
```

# Background

The CSS property to change the background color of an element to Hex 142D29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142D29 }
```

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

```
.background{ background-color:#142D29 }
```

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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