

# Converting Colors

Hex(142C20)

Have a look what the booklet for  
Hex(142C20) contains.

<b>Hex(142C20)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(142C20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	142C20
RGB	20, 44, 32
RGB Percent	8%, 17%, 13%
CMY	0.9216, 0.8275, 0.8745
CMYK	0.55, 0.00, 0.27, 0.83
HSL	150°, 38%, 13%
HSV	150°, 55%, 17%
XYZ	1.4499, 2.0544, 1.6866
YIQ	35.4560, -10.4520, -8.8200

# Conversions

## Conversions Part 2

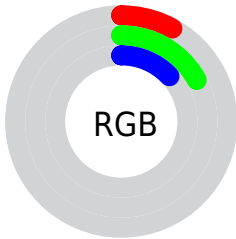
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 36, 44
Decimal	1322016
CIE Lab	15.77, -12.94, 4.92
CIE LCh	16, 13.840, 159.176
Yxy	2.0544, 0.2793, 0.3958
Android (android.graphics.Color)	4279512096 (0xFF142C20)
YUV	35.4560, -1.7038, -13.5549
Hunter-Lab	14.3331, -7.0264, 3.0563

# Details

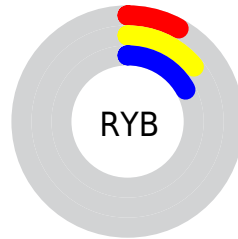
The Hex color **142C20** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2C1420**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **405A4C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **102C1E**, and if you desaturate by 10%, it is **182C22**.

# Distribution



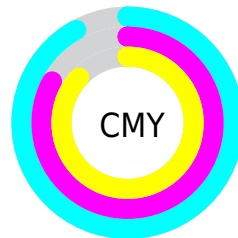
- Red (8%)
- Green (17%)
- Blue (13%)



- Red (8%)
- Yellow (14%)
- Blue (17%)



- Cyan (55%)
- Magenta (0%)
- Yellow (27%)
- Black (83%)



- Cyan (92%)
- Magenta (83%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142C20 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 142C20 by changing the saturation by 10% instead.



 142C20

 142C20

 F8FFFF

 001808

 405A4C

 000000

 587264

 718C7D

 8AA697

 A5C2B1

 C0DDCD

 DCFAE9

 142C20

 142C20

■ 102C1E

■ 182C22

■ 0B2C1C

■ 1D2C24

■ 072C19

■ 212C27

■ 022C17

■ 262C29

■ 002C16

■ 2A2C2B

■ 2E2C2D

■ 332C2F

■ 372C32

■ 3C2C34

# Harmonies

## Analogous

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



202A18



142C20



072D2A

# Triad

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



142C20



1E273B



39211B

# Complementary

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



142C20



2C1420

# 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.



3A2025



142C20



2C2437

# Square

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



142C20



0D2A39



36212E



342415

# Rectangle

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



142C20



022C31



36212E



3A201E



# Sweetspot

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



142C20



2F3834



202C14



171C19



9C9C9C



1C1C1C



# Same Dimension

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



142C20



143826



142C2C



151716



00572B



00D66B



# Inverse Universe

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



2C1420



381426



2C1414



171516



57002B

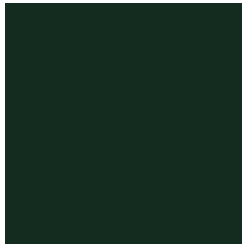


D6006B



# Previews

## White Background



This preview shows how the Hex color 142C20 looks on a white background.

## Color Contrast Check

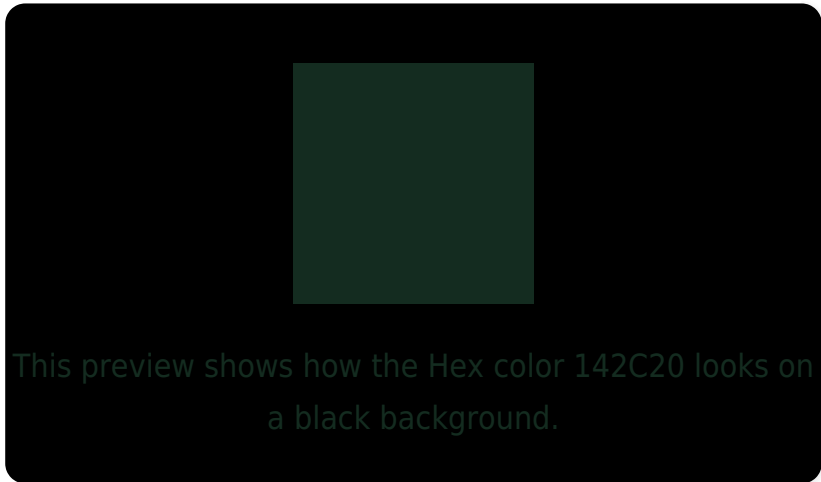
Large Text (above 18pt) WCAG AA ✓ Pass

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

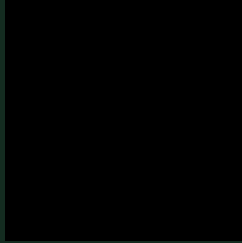
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 142C20 Background



This preview shows how black text looks on a background with the Hex color 142C20.



This preview shows how white text looks on a background with the Hex color 142C20.

# 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**  
142C20

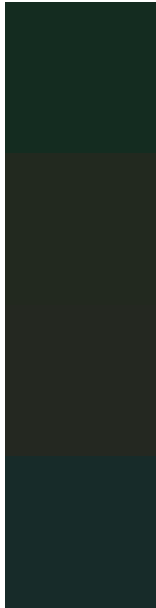
**Protanopia**  
2A271E

**Deuteranopia**  
2D2621



**Tritanopia**  
182A2E

# Trichromacy



**Original Color**  
142C20

**Protanomaly**  
22291F

**Deuteranomaly**  
242821

**Tritanomaly**  
172B29

# Monochromacy



**Original Color**  
142C20

**Achromatopsia**  
232323

**Achromatomaly**  
1E2622

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142C20 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 #142C20 looks like.

```
.text, #text, p{  
    color:#142C20  
}
```

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 #142C20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142C20
}
```

## Border

The CSS property to change the border of an element to Hex 142C20 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
#142C20 }
```

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

```
.border{ border-color:#142C20 }
```

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

Here you see how a box with a 4 pixel #142C20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142C20; -webkit-box-shadow:4px 4px  
4px 4px #142C20; box-shadow:4px 4px 4px  
4px #142C20 }
```

# Background

The CSS property to change the background color of an element to Hex 142C20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142C20 }
```

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

```
.background{ background-color:#142C20 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor