

# Converting Colors

Hex(142D35)

Have a look what the booklet for  
Hex(142D35) contains.

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# Color

Hex(142D35)

# Conversions

## Conversions Part 1

Format	Color
Hex	142D35
RGB	20, 45, 53
RGB Percent	8%, 18%, 21%
CMY	0.9216, 0.8235, 0.7922
CMYK	0.62, 0.15, 0.00, 0.79
HSL	195°, 45%, 14%
HSV	195°, 62%, 21%
XYZ	1.8695, 2.2825, 3.7102
YIQ	38.4370, -17.4680, -2.8120

# Conversions

## Conversions Part 2

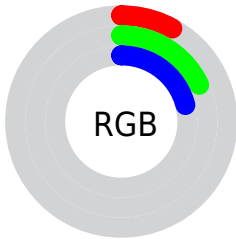
Format	Color
<b>R<sub>Y</sub>B</b>	20, 34, 53
Decimal	1322293
CIE Lab	16.91, -6.86, -8.11
CIE LCh	17, 10.623, 229.744
Yxy	2.2825, 0.2378, 0.2903
Android (android.graphics.Color)	4279512373 (0xFF142D35)
YUV	38.4370, 7.1796, -16.1692
Hunter-Lab	15.1081, -4.3514, -3.9846

# Details

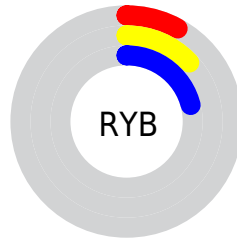
The Hex color **142D35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **351C14**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **425B64**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **0F2C35**, and if you desaturate by 10%, it is **192E35**.

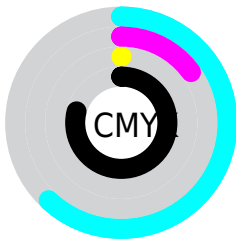
# Distribution



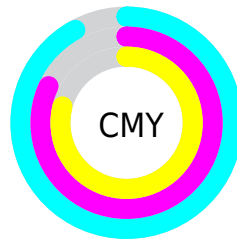
- Red (8%)
- Green (18%)
- Blue (21%)



- Red (8%)
- Yellow (13%)
- Blue (21%)



- Cyan (62%)
- Magenta (15%)
- Yellow (0%)
- Black (79%)



- Cyan (92%)
- Magenta (82%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 142D35 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 142D35 by changing the saturation by 10% instead.



■ 142D35

■ 142D35

■ FCFFF

■ 001920

■ 425B64

■ 000007

■ 5A737C

■ 000000

■ 738D96

■ 8DA7B1

■ A8C2CC

■ C3DEE9

■ DFFBFF

■ 142D35

■ 142D35

■ 0F2C35

■ 192E35

■ 092A35

■ 1F3035

■ 042935

■ 243135

■ 002835

■ 293235

■ 2F3335

■ 343535

■ 393635

■ 3E3735

■ 443935

# Harmonies

## Analogous

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



132E2F



142D35



1C2B38

# Triad

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



142D35



37242D



2A2B1B

# Complementary

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



142D35



351C14

# 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.



32281B



142D35



392425

# Square

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



142D35



312634



37261E



212D20

# Rectangle

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



142D35



242A39



37261E



2D2A1B



# Sweetspot

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



142D35



384245



14351C



1B2224



A3A3A3



242424



# Same Dimension

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



142D35



113845



141D35



17191A



004459



00A4D9



# Inverse Universe

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



35142D



451138



352C14



1A1719



590044

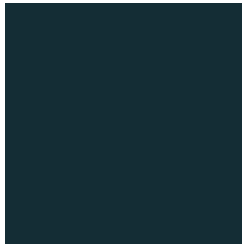


D900A4



# Previews

## White Background



This preview shows how the Hex color 142D35 looks on a white background.

## Color Contrast Check

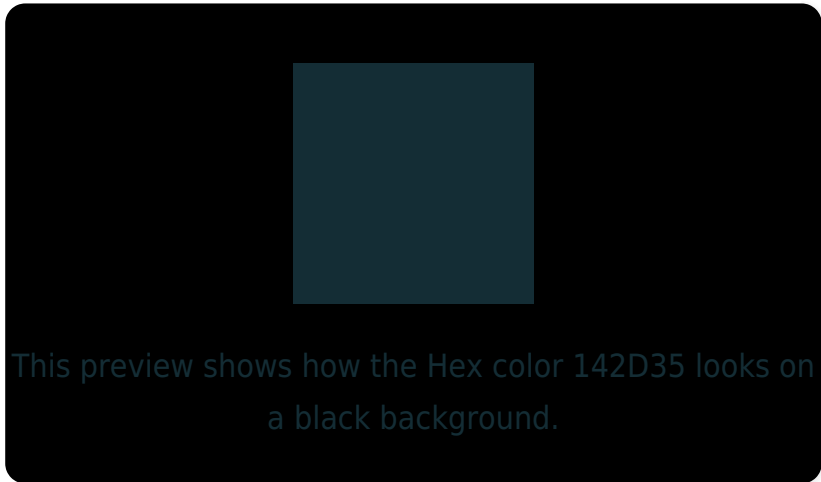
Large Text (above 18pt) WCAG AA ✓ Pass

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

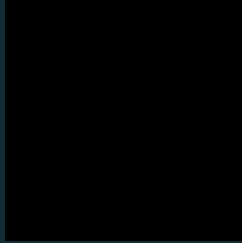
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

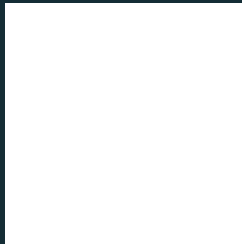
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 142D35 Background



This preview shows how black text looks on a background with the Hex color 142D35.



This preview shows how white text looks on a background with the Hex color 142D35.

# 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**  
142D35

**Protanopia**  
282932

**Deuteranopia**  
272936



**Tritanopia**  
122E31

# Trichromacy



**Original Color**

142D35

**Protanomaly**

212A33

**Deuteranomaly**

202A36

**Tritanomaly**

132E32

# Monochromacy



**Original Color**

142D35

**Achromatopsia**

262626

**Achromatomaly**

1F292B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 142D35 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 #142D35 looks like.

```
.text, #text, p{  
    color:#142D35  
}
```

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 #142D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142D35
}
```

## Border

The CSS property to change the border of an element to Hex 142D35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

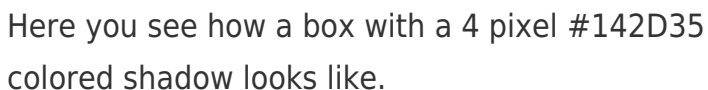
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#142D35 }
```

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

```
.border{ border-color:#142D35 }
```

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



Here you see how a box with a 4 pixel #142D35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142D35; -webkit-box-shadow:4px 4px  
4px 4px #142D35; box-shadow:4px 4px 4px  
4px #142D35 }
```

# Background

The CSS property to change the background color of an element to Hex 142D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142D35 }
```

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

```
.background{ background-color:#142D35 }
```

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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