

Converting Colors

Hex(172921)

Have a look what the booklet for
Hex(172921) contains.

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Color

Hex(172921)

Conversions

Conversions Part 1

Format	Color
Hex	172921
RGB	23, 41, 33
RGB Percent	9%, 16%, 13%
CMY	0.9098, 0.8392, 0.8706
CMYK	0.44, 0.00, 0.20, 0.84
HSL	153°, 28%, 13%
HSV	153°, 44%, 16%
XYZ	1.4208, 1.8778, 1.7264
YIQ	34.7060, -8.1600, -6.3040

Conversions

Conversions Part 2

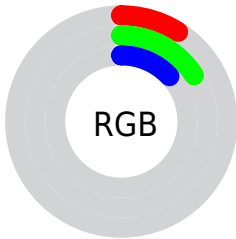
Format	Color
R_{YB}	23, 35, 41
Decimal	1517857
CIE Lab	14.83, -9.73, 2.91
CIE LCh	15, 10.157, 163.324
Yxy	1.8778, 0.2827, 0.3737
Android (android.graphics.Color)	4279707937 (0xFF172921)
YUV	34.7060, -0.8411, -10.2662
Hunter-Lab	13.7034, -5.4737, 2.1228

Details

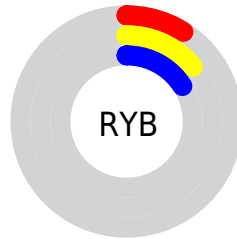
The Hex color **172921** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **29171F**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **43564D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **13291F**, and if you desaturate by 10%, it is **1B2923**.

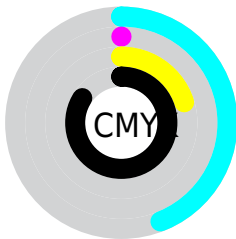
Distribution



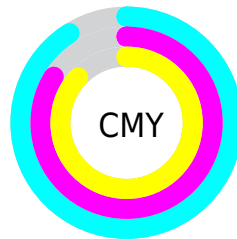
- Red (9%)
- Green (16%)
- Blue (13%)



- Red (9%)
- Yellow (14%)
- Blue (16%)



- Cyan (44%)
- Magenta (0%)
- Yellow (20%)
- Black (84%)



- Cyan (91%)
- Magenta (84%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172921 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 172921 by changing the saturation by 10% instead.

■ 172921

■ 172921

■ FBFFFF

■ 00150A

■ 43564D

■ 000000

■ 5A6F65

■ 73887E

■ 8DA298

■ A7BDB2

■ C2D9CE

■ DEF6EA

■ 172921

■ 172921

■ 13291F

■ 1B2923

■ 0F291D

■ 1F2925

■ 0B291C

■ 232926

■ 07291A

■ 272928

■ 022918

■ 2C292A

■ 002917

■ 30292C

■ 34292E

■ 382930

■ 3C2931

Harmonies

Analogous

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



1F281B



172921



112928

Triad

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



172921



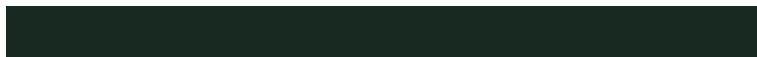
212533



32211C

Complementary

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



172921



29171F

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.



342022



172921



2A2230

Square

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



172921



172733



31212A



2E2418

Rectangle

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



172921



0F292D



31212A



33211E

Sweetspot

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



172921



2F3632



1F2917



181C1A



9C9C9C



1C1C1C

Same Dimension

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



172921



193629



172829



121413



00542F



00D476

Inverse Universe

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



29171F



361926



291817



141213



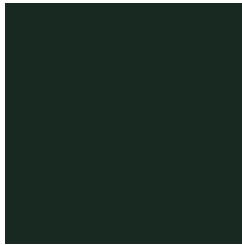
540025



D4005E

Previews

White Background



This preview shows how the Hex color 172921 looks on a white background.

Color Contrast Check

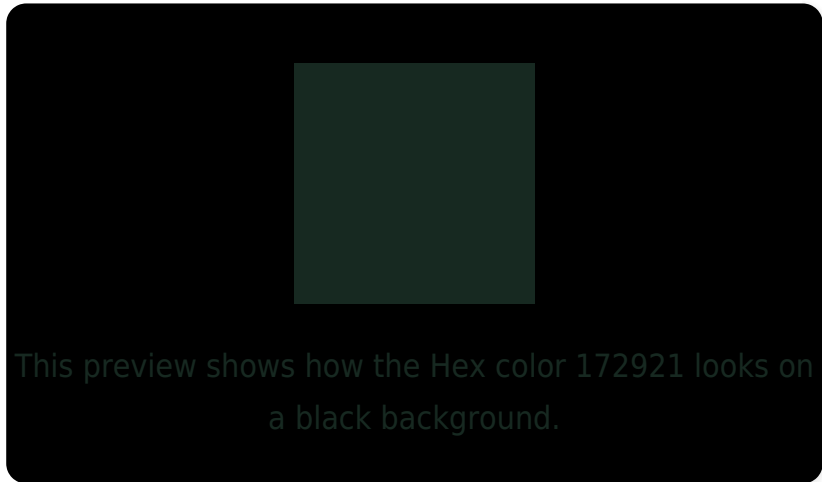
Large Text (above 18pt) WCAG AA ✓ Pass

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

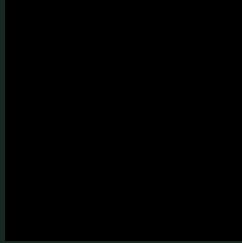
Any Text WCAG AA × Fail

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 172921 Background



This preview shows how black text looks on a background with the Hex color 172921.



This preview shows how white text looks on a background with the Hex color 172921.

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
172921

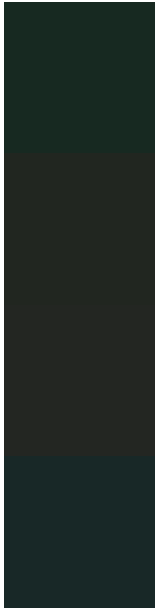
Protanopia
27251F

Deuteranopia
2A2422



Tritanopia
19282B

Trichromacy



Original Color
172921

Protanomaly
212620

Deuteranomaly
232622

Tritanomaly
182827

Monochromacy



Original Color
172921

Achromatopsia
232323

Achromatomaly
1F2522

CSS Examples

Text

The CSS property to change the color of the text to Hex 172921 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 #172921 looks like.

```
.text, #text, p{  
    color:#172921  
}
```

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 #172921 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172921
}
```

Border

The CSS property to change the border of an element to Hex 172921 is called "border". The border property can be set on classes, ids or directly on the HTML element.

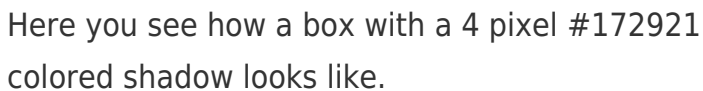
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#172921 }
```

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

```
.border{ border-color:#172921 }
```

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



Here you see how a box with a 4 pixel #172921 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172921; -webkit-box-shadow:4px 4px  
4px 4px #172921; box-shadow:4px 4px 4px  
4px #172921 }
```

Background

The CSS property to change the background color of an element to Hex 172921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172921 }
```

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

```
.background{ background-color:#172921 }
```

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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