

Converting Colors

Hex(172158)

Have a look what the booklet for
Hex(172158) contains.

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Color

Hex(172158)

Conversions

Conversions Part 1

Format	Color
Hex	172158
RGB	23, 33, 88
RGB Percent	9%, 13%, 35%
CMY	0.9098, 0.8706, 0.6549
CMYK	0.74, 0.62, 0.00, 0.65
HSL	231°, 59%, 22%
HSV	231°, 74%, 35%
XYZ	2.6587, 1.9745, 9.4735
YIQ	36.2800, -23.6150, 14.9850

Conversions

Conversions Part 2

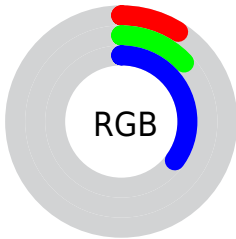
Format	Color
R _Y B	23, 32, 88
Decimal	1515864
CIE Lab	15.35, 16.64, -34.57
CIE LCh	15, 38.363, 295.703
Yxy	1.9745, 0.1885, 0.1400
Android (android.graphics.Color)	4279705944 (0xFF172158)
YUV	36.2800, 25.4980, -11.6466
Hunter-Lab	14.0515, 9.1834, -30.1371

Details

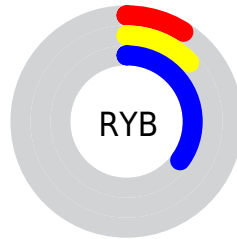
The Hex color **172158** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **584E17**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **4C4D8B**, and **00032A** is the 20% darker color. If you saturate the color by 10%, you get **0E1A58**, and if you desaturate by 10%, it is **202858**.

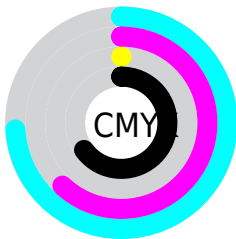
Distribution



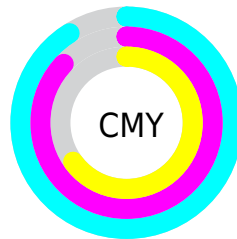
- Red (9%)
- Green (13%)
- Blue (35%)



- Red (9%)
- Yellow (13%)
- Blue (35%)



- Cyan (74%)
- Magenta (62%)
- Yellow (0%)
- Black (65%)



- Cyan (91%)
- Magenta (87%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 172158 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 172158 by changing the saturation by 10% instead.

■ 172158

■ 172158

FFFFFF

■ 000C40

■ 4C4D8B

■ 00032A

■ 6665A5

■ 000114

■ 807EC0

■ 000000

■ 9B98DD

■ B7B2F9

■ D3CEFF

■ F0EAFB

■ 172158

■ 172158

■ 0E1A58

■ 202858

■ 051258

■ 293058

■ 000E58

■ 313758

■ 3A3F58

■ 434658

■ 4C4E58

■ 555558

■ 5D5D58

■ 666458

Harmonies

Analogous

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



002B5D



172158



421045

Triad

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



172158



481700



003122

Complementary

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



172158



584E17

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.



003000



172158



342400

Square

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



172158



530410



1B2C00



00323D

Rectangle

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



172158



4F0335



1B2C00



003118

Sweetspot

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



172158



5A5D73



17584D



2B2E3B



BABABA



3B3B3B

Same Dimension

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



172158



0D1C73



2D1758



27282B



00106B



0024EB

Inverse Universe

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



581721



730D1C



425817



2B2728



6B0010



EB0024

Previews

White Background



This preview shows how the Hex color 172158 looks on a white background.

Color Contrast Check

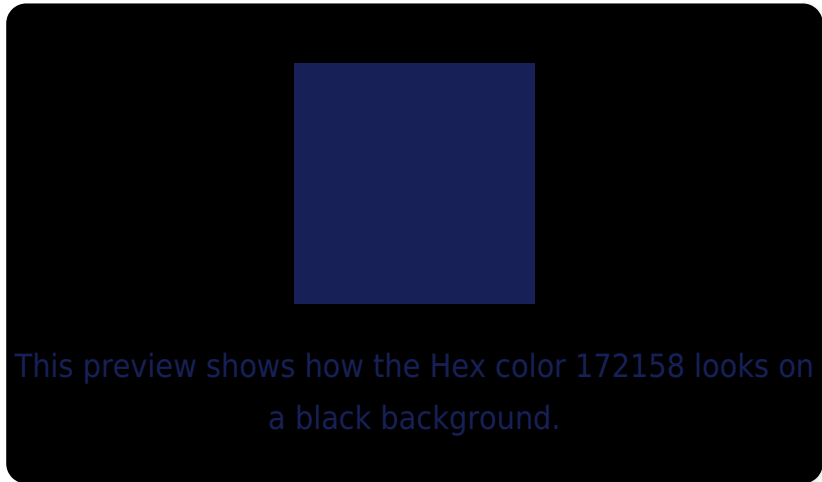
Large Text (above 18pt) WCAG AA ✓ Pass

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

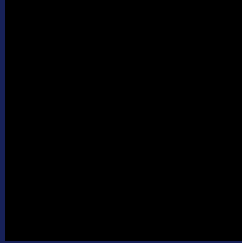
Any Text WCAG AA × Fail

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 172158 Background



This preview shows how black text looks on a background with the Hex color 172158.



This preview shows how white text looks on a background with the Hex color 172158.

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
172158

Protanopia
00254F

Deuteranopia
002844



Tritanopia
002B2E

Trichromacy



Original Color
172158

Protanomaly
082452

Deuteranomaly
08254B

Tritanomaly
08273D

Monochromacy



Original Color
172158

Achromatopsia
242424

Achromatomaly
1F2337

CSS Examples

Text

The CSS property to change the color of the text to Hex 172158 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 #172158 looks like.

```
.text, #text, p{  
    color:#172158  
}
```

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 #172158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172158
}
```

Border

The CSS property to change the border of an element to Hex 172158 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
#172158 }
```

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

```
.border{ border-color:#172158 }
```

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

Here you see how a box with a 4 pixel #172158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172158; -webkit-box-shadow:4px 4px  
4px 4px #172158; box-shadow:4px 4px 4px  
4px #172158 }
```

Background

The CSS property to change the background color of an element to Hex 172158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172158 }
```

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

```
.background{ background-color:#172158 }
```

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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