

Converting Colors

Hex(175228)

Have a look what the booklet for
Hex(175228) contains.

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Color

Hex(175228)

Conversions

Conversions Part 1

Format	Color
Hex	175228
RGB	23, 82, 40
RGB Percent	9%, 32%, 16%
CMY	0.9098, 0.6784, 0.8431
CMYK	0.72, 0.00, 0.51, 0.68
HSL	137°, 56%, 21%
HSV	137°, 72%, 32%
XYZ	3.7536, 6.3699, 3.0392
YIQ	59.5710, -21.6820, -25.5700

Conversions

Conversions Part 2

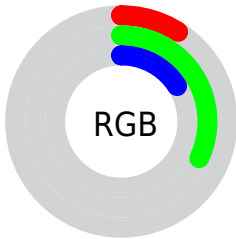
Format	Color
RYB	23, 69, 82
Decimal	1528360
CIELab	30.33, -29.42, 19.21
CIELCh	30, 35.130, 146.858
Yxy	6.3699, 0.2852, 0.4839
Android (android.graphics.Color)	4279718440 (0xFF175228)
YUV	59.5710, -9.6485, -32.0728
Hunter-Lab	25.2388, -17.6203, 10.5276

Details

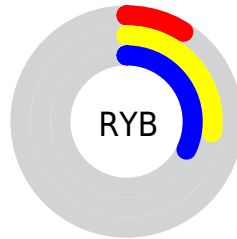
The Hex color **175228** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **521741**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **4B8456**, and **002500** is the 20% darker color. If you saturate the color by 10%, you get **0F5222**, and if you desaturate by 10%, it is **1F522E**.

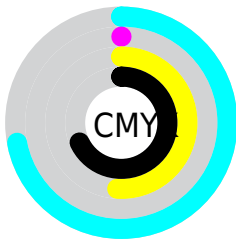
Distribution



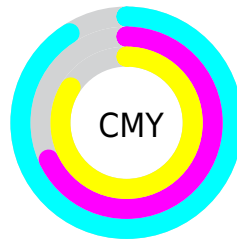
- Red (9%)
- Green (32%)
- Blue (16%)



- Red (9%)
- Yellow (27%)
- Blue (32%)



- Cyan (72%)
- Magenta (0%)
- Yellow (51%)
- Black (68%)



- Cyan (91%)
- Magenta (68%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 175228 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 175228 by changing the saturation by 10% instead.

 175228

 175228

FFFFFF

 003A13

 4B8456

 002500

 649F6F

 000200

 7EBA88

 000000

 99D6A2

 B5F2BE

 D1FFD9

 EDFFF6

 175228

 175228

■ 0F5222

■ 1F522E

■ 07521C

■ 275234

■ 005218

■ 30523A

■ 38523F

■ 405245

■ 48524B

■ 505251

■ 595257

■ 61525D

Harmonies

Analogous

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



3D4D12



175228



005444

Triad

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



175228



004B7E



783030

Complementary

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



175228



521741

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.



772E4B



175228



434178

Square

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



175228



005275



663666



6D3A19

Rectangle

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



175228



005556



663666



792E39

Sweetspot

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



175228



546B5A



415217



28362C



B5B5B5



363636

Same Dimension

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



175228



0F6B2A



175245



252926



00691E



00E843

Inverse Universe

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



521741



6B0F51



521724



292528



69004A



E800A5

Previews

White Background



This preview shows how the Hex color 175228 looks on a white background.

Color Contrast Check

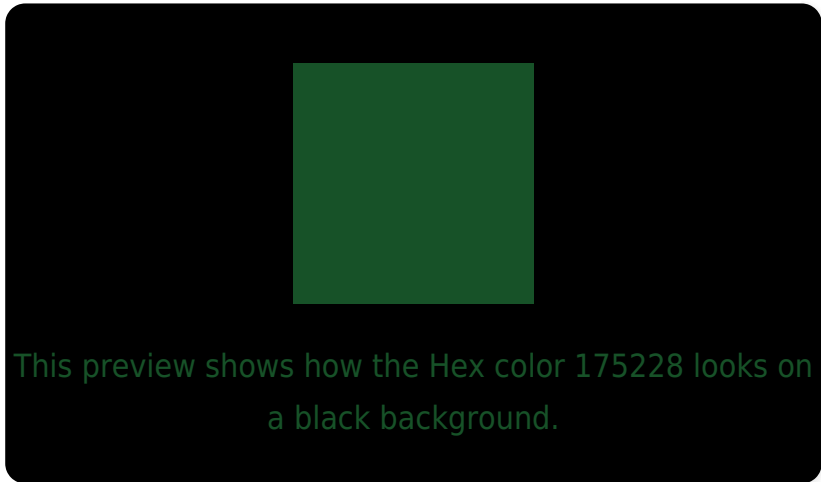
Large Text (above 18pt) WCAG AA ✓ Pass

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

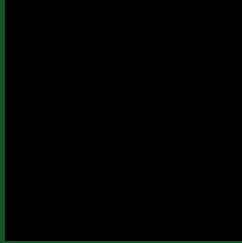
Any Text WCAG AA × Fail

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 175228 Background



This preview shows how black text looks on a background with the Hex color 175228.



This preview shows how white text looks on a background with the Hex color 175228.

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
175228

Protanopia
4F4724

Deuteranopia
56442C



Tritanopia
264D54

Trichromacy



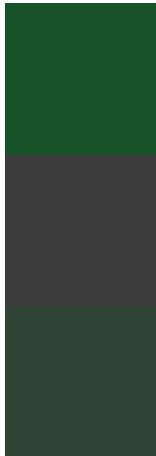
Original Color
175228

Protanomaly
3B4B25

Deuteranomaly
3F492B

Tritanomaly
214F44

Monochromacy



Original Color
175228

Achromatopsia
3C3C3C

Achromatomaly
2F4435

CSS Examples

Text

The CSS property to change the color of the text to Hex 175228 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 #175228 looks like.

```
.text, #text, p{  
    color:#175228  
}
```

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 #175228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175228
}
```

Border

The CSS property to change the border of an element to Hex 175228 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".

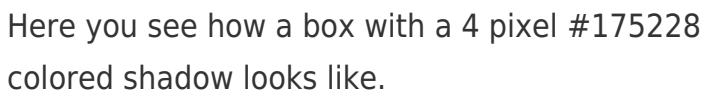
```
.border, #border, table{ border:4px solid
#175228 }
```

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

```
.border{ border-color:#175228 }
```

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

Here you see how a box with a 4 pixel #175228 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175228; -webkit-box-shadow:4px 4px  
4px 4px #175228; box-shadow:4px 4px 4px  
4px #175228 }
```

Background

The CSS property to change the background color of an element to Hex 175228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175228 }
```

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

```
.background{ background-color:#175228 }
```

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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