

Converting Colors

Hex(137366)

Have a look what the booklet for
Hex(137366) contains.

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Color

Hex(137366)

Conversions

Conversions Part 1

Format	Color
Hex	137366
RGB	19, 115, 102
RGB Percent	7%, 45%, 40%
CMY	0.9255, 0.5490, 0.6000
CMYK	0.83, 0.00, 0.11, 0.55
HSL	172°, 72%, 26%
HSV	172°, 83%, 45%
XYZ	8.7976, 13.3592, 14.6853
YIQ	84.8140, -53.0430, -24.3950

Conversions

Conversions Part 2

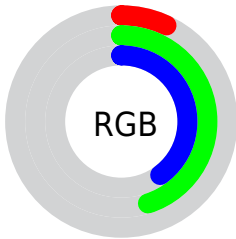
Format	Color
RYB	19, 70, 115
Decimal	1274726
CIELab	43.30, -29.43, -0.33
CIELCh	43, 29.428, 180.634
Yxy	13.3592, 0.2388, 0.3626
Android (android.graphics.Color)	4279464806 (0xFF137366)
YUV	84.8140, 8.4727, -57.7189
Hunter-Lab	36.5503, -20.9984, 1.7635

Details

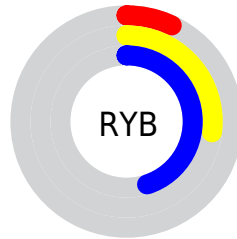
The Hex color **137366** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **731320**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **52A899**, and **004237** is the 20% darker color. If you saturate the color by 10%, you get **077364**, and if you desaturate by 10%, it is **1F7368**.

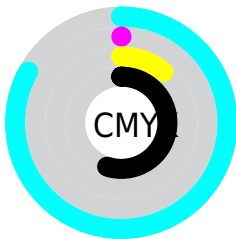
Distribution



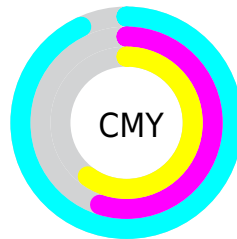
- Red (7%)
- Green (45%)
- Blue (40%)



- Red (7%)
- Yellow (27%)
- Blue (45%)



- Cyan (83%)
- Magenta (0%)
- Yellow (11%)
- Black (55%)



- Cyan (93%)
- Magenta (55%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 137366 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 137366 by changing the saturation by 10% instead.

■ 137366

■ 137366

FFFFFF

■ 005A4E

■ 52A899

■ 004237

■ 6EC3B4

■ 002B22

■ 8ADFCF

■ 00140C

■ A6FCEB

■ 000000

■ C2FFFF

■ DFFFFF

■ FDFFFF

■ 137366

■ 137366

077364

1F7368

007363

2A7369

36736B

41736C

4D736E

58736F

647371

6F7372

7B7374

Harmonies

Analogous

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



3E714E



137366



00727E

Triad

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



137366



696090



895C3C

Complementary

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



137366



731320

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.



94554F



137366



85577F

Square

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



137366



416997



935367



756535

Rectangle

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



137366



00718B



935367



8E5A42

Sweetspot

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



137366



719691



217313



364D49



CCCCCC



4D4D4D

Same Dimension

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



137366



009682



135173



353B3A



007A6A



00FAD8

Inverse Universe

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



731320



960014



733513



3B3536



7A0011



FA0022

Previews

White Background



This preview shows how the Hex color 137366 looks on a white background.

Color Contrast Check

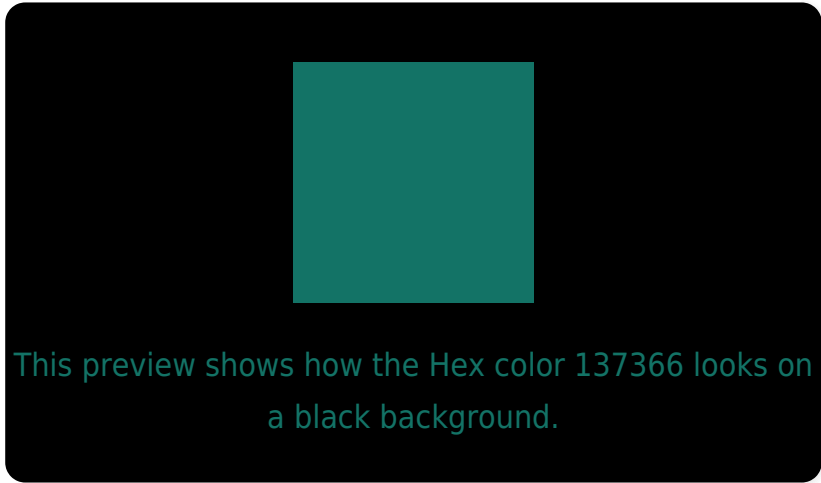
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

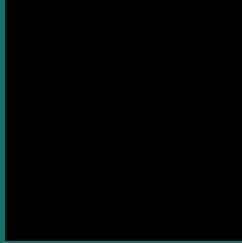
Any Text WCAG AA × Fail

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 137366 Background



This preview shows how black text looks on a background with the Hex color 137366.



This preview shows how white text looks on a background with the Hex color 137366.

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
137366

Protanopia
69655E

Deuteranopia
6E636A

Trichromacy



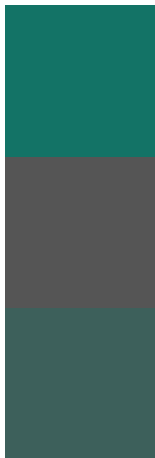
Original Color
137366

Protanomaly
4A6A61

Deuteranomaly
4D6969

Tritanomaly
1D7172

Monochromacy



Original Color
137366

Achromatopsia
555555

Achromatomaly
3D605B

CSS Examples

Text

The CSS property to change the color of the text to Hex 137366 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 #137366 looks like.

```
.text, #text, p{  
    color:#137366  
}
```

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 #137366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #137366  
}
```

Border

The CSS property to change the border of an element to Hex 137366 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  
#137366 }
```

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

```
.border{ border-color:#137366 }
```

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

Here you see how a box with a 4 pixel #137366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #137366; -webkit-box-shadow:4px 4px  
4px 4px #137366; box-shadow:4px 4px 4px  
4px #137366 }
```

Background

The CSS property to change the background color of an element to Hex 137366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#137366 }
```

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

```
.background{ background-color:#137366 }
```

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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