

Converting Colors

Hex(186377)

Have a look what the booklet for
Hex(186377) contains.

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Color

Hex(186377)

Conversions

Conversions Part 1

Format	Color
Hex	186377
RGB	24, 99, 119
RGB Percent	9%, 39%, 47%
CMY	0.9059, 0.6118, 0.5333
CMYK	0.80, 0.17, 0.00, 0.53
HSL	193°, 66%, 28%
HSV	193°, 80%, 47%
XYZ	8.1683, 10.4498, 19.0393
YIQ	78.8550, -51.1200, -9.6800

Conversions

Conversions Part 2

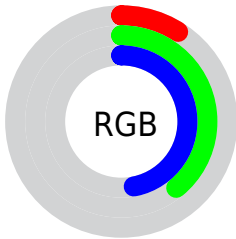
Format	Color
R_{YB}	24, 66, 119
Decimal	1598327
CIE _{Lab}	38.64, -14.86, -17.64
CIE _{LCh}	39, 23.061, 229.883
Yxy	10.4498, 0.2169, 0.2775
Android (android.graphics.Color)	4279788407 (0xFF186377)
YUV	78.8550, 19.7915, -48.1078
Hunter-Lab	32.3261, -11.4666, -12.2920

Details

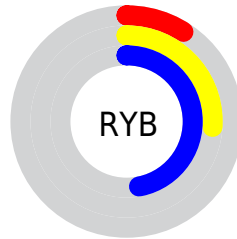
The Hex color **186377** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **772C18**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5596AB**, and **003447** is the 20% darker color. If you saturate the color by 10%, you get **0C6077**, and if you desaturate by 10%, it is **246677**.

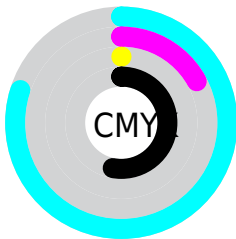
Distribution



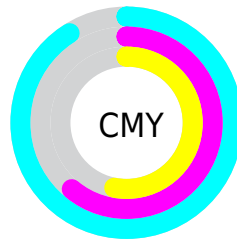
- Red (9%)
- Green (39%)
- Blue (47%)



- Red (9%)
- Yellow (26%)
- Blue (47%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (61%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186377 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 186377 by changing the saturation by 10% instead.

■ 186377

■ 186377

FFFFFF

■ 004B5E

■ 5596AB

■ 003447

■ 70B1C7

■ 001F30

■ 8CCCE3

■ 00011C

■ A8E8FF

■ 000000

■ C4FFFF

■ E1FFFF

FEFFFF

■ 186377

■ 186377

■ 0C6077

■ 246677

■ 005E77

■ 306877

■ 3C6B77

■ 486D77

■ 537077

■ 5F7277

■ 6B7577

■ 777777

■ 837A77

Harmonies

Analogous

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



166567



186377



365F7F

Triad

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



186377



7B4D62



5B5E37

Complementary

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



186377



772C18

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.



6D5836



186377



804D4F

Square

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



186377



6C5273



7A513F



456242

Rectangle

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



186377



4A5B80



7A513F



615C36

Sweetspot

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



186377



76949C



18772B



384A4F



CFCFCF



4F4F4F

Same Dimension

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



186377



067C9C



183477



35393B



00617A



00C5FA

Inverse Universe

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



771863



9C067C



775A18



3B3539



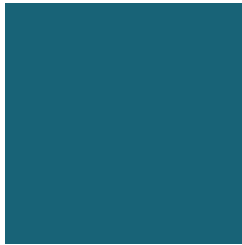
7A0061



FA00C5

Previews

White Background



This preview shows how the Hex color 186377 looks on a white background.

Color Contrast Check

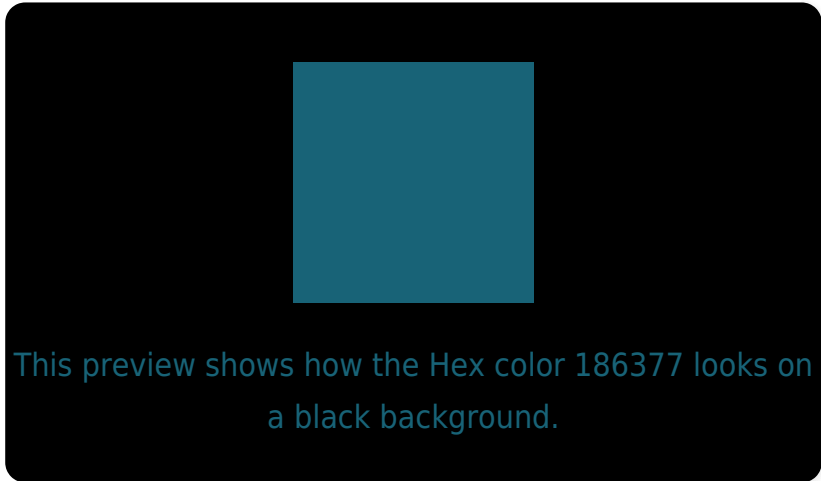
Large Text (above 18pt) WCAG AA ✓ Pass

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

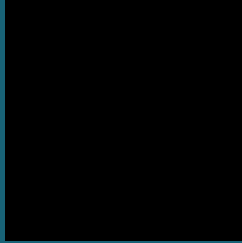
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

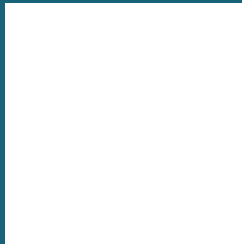
Any Text WCAG AAA × Fail

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

Hex 186377 Background



This preview shows how black text looks on a background with the Hex color 186377.



This preview shows how white text looks on a background with the Hex color 186377.

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](#).

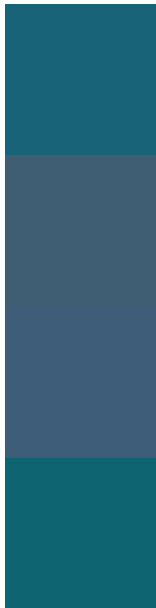
Dichromacy





Tritanopia
09656D

Trichromacy



Original Color
186377

Protanomaly
3F5D73

Deuteranomaly
3E5D78

Tritanomaly
0E6471

Monochromacy



Original Color
186377

Achromatopsia
4F4F4F

Achromatomaly
3B565E

CSS Examples

Text

The CSS property to change the color of the text to Hex 186377 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 #186377 looks like.

```
.text, #text, p{  
    color:#186377  
}
```

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 #186377 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186377
}
```

Border

The CSS property to change the border of an element to Hex 186377 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
#186377 }
```

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

```
.border{ border-color:#186377 }
```

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

Here you see how a box with a 4 pixel #186377 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186377; -webkit-box-shadow:4px 4px  
4px 4px #186377; box-shadow:4px 4px 4px  
4px #186377 }
```

Background

The CSS property to change the background color of an element to Hex 186377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186377 }
```

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

```
.background{ background-color:#186377 }
```

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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