

Converting Colors

Hex(186041)

Have a look what the booklet for
Hex(186041) contains.

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Color

Hex(186041)

Conversions

Conversions Part 1

Format	Color
Hex	186041
RGB	24, 96, 65
RGB Percent	9%, 38%, 25%
CMY	0.9059, 0.6235, 0.7451
CMYK	0.75, 0.00, 0.32, 0.62
HSL	154°, 60%, 24%
HSV	154°, 75%, 38%
XYZ	5.5137, 8.9416, 6.4363
YIQ	70.9380, -32.9610, -24.9050

Conversions

Conversions Part 2

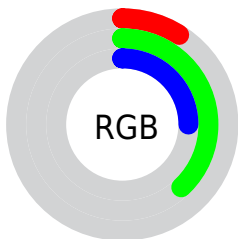
Format	Color
R_{YB}	24, 70, 96
Decimal	1597505
CIE _{Lab}	35.87, -30.03, 11.52
CIE _{LCh}	36, 32.165, 159.004
Yxy	8.9416, 0.2639, 0.4280
Android (android.graphics.Color)	4279787585 (0xFF186041)
YUV	70.9380, -2.9274, -41.1646
Hunter-Lab	29.9025, -19.4159, 8.1699

Details

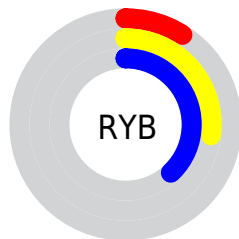
The Hex color **186041** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **601837**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **4F9371**, and **003116** is the 20% darker color. If you saturate the color by 10%, you get **0E603D**, and if you desaturate by 10%, it is **226045**.

Distribution



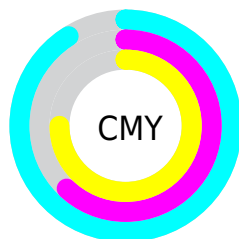
- Red (9%)
- Green (38%)
- Blue (25%)



- Red (9%)
- Yellow (27%)
- Blue (38%)



- Cyan (75%)
- Magenta (0%)
- Yellow (32%)
- Black (62%)



- Cyan (91%)
- Magenta (62%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186041 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 186041 by changing the saturation by 10% instead.

 186041

 186041

FFFFFF

 00482B

 4F9371

 003116

 69AE8A

 001D00

 84CAA5

 000000

 9FE6C0

 BBFFDC

 D7FFF8

 F4FFFF

 186041

 186041

■ 0E603D

■ 226045

■ 056039

■ 2B6049

■ 006037

■ 35604D

■ 3E6052

■ 486056

■ 52605A

■ 5B605E

■ 656062

■ 6E6066

Harmonies

Analogous

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



405C2B



186041



00615C

Triad

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



186041



355587



814335

Complementary

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



186041



601837

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.



843E4E



186041



604A7D

Square

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



186041



005C84



7A4167



724C24

Rectangle

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



186041



00616D



7A4167



83413D

Sweetspot

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



186041



607D71



376018



2E4038



BFBFBF



404040

Same Dimension

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



186041



0C7D4D



185B60



2C302E



007040



00F088

Inverse Universe

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



601837



7D0C3D



601D18



302C2E



700030



F00067

Previews

White Background



This preview shows how the Hex color 186041 looks on a white background.

Color Contrast Check

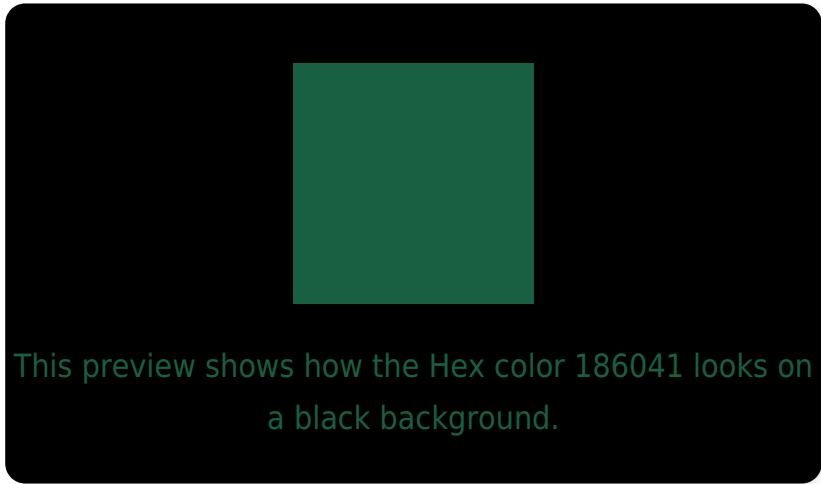
Large Text (above 18pt) WCAG AA ✓ Pass

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

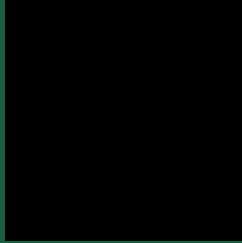
Any Text WCAG AA × Fail

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 186041 Background



This preview shows how black text looks on a background with the Hex color 186041.



This preview shows how white text looks on a background with the Hex color 186041.

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
186041

Protanopia
5B543C

Deuteranopia
625144



Tritanopia
285C63

Trichromacy



Original Color
186041

Protanomaly
43583E

Deuteranomaly
475643

Tritanomaly
225D57

Monochromacy



Original Color
186041

Achromatopsia
474747

Achromatomaly
365045

CSS Examples

Text

The CSS property to change the color of the text to Hex 186041 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 #186041 looks like.

```
.text, #text, p{  
    color:#186041  
}
```

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 #186041 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186041
}
```

Border

The CSS property to change the border of an element to Hex 186041 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
#186041 }
```

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

```
.border{ border-color:#186041 }
```

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

Here you see how a box with a 4 pixel #186041 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186041; -webkit-box-shadow:4px 4px  
4px 4px #186041; box-shadow:4px 4px 4px  
4px #186041 }
```

Background

The CSS property to change the background color of an element to Hex 186041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186041 }
```

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

```
.background{ background-color:#186041 }
```

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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