

# Converting Colors

Hex(185627)

Have a look what the booklet for  
Hex(185627) contains.

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# Color

Hex(185627)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	185627
RGB	24, 86, 39
RGB Percent	9%, 34%, 15%
CMY	0.9059, 0.6627, 0.8471
CMYK	0.72, 0.00, 0.55, 0.66
HSL	135°, 56%, 22%
HSV	135°, 72%, 34%
XYZ	4.0707, 6.9963, 3.0553
YIQ	62.1040, -21.8650, -27.7610

# Conversions

## Conversions Part 2

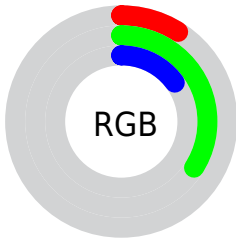
<b>Format</b>	<b>Color</b>
<b>RYB</b>	24, 74, 86
Decimal	1594919
CIELab	31.80, -31.09, 21.64
CIElCh	32, 37.878, 145.167
Yxy	6.9963, 0.2882, 0.4954
Android (android.graphics.Color)	4279784999 (0xFF185627)
YUV	62.1040, -11.3903, -33.4172
Hunter-Lab	26.4504, -18.8173, 11.6666

# Details

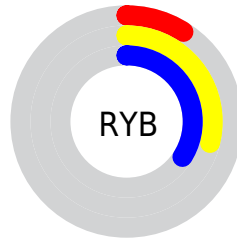
The Hex color **185627** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **561847**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4D8955**, and **002800** is the 20% darker color. If you saturate the color by 10%, you get **0F5620**, and if you desaturate by 10%, it is **21562E**.

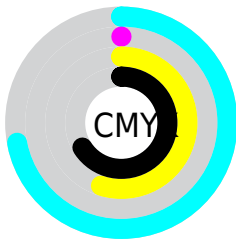
# Distribution



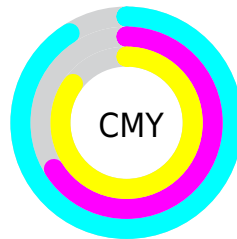
- Red (9%)
- Green (34%)
- Blue (15%)



- Red (9%)
- Yellow (29%)
- Blue (34%)



- Cyan (72%)
- Magenta (0%)
- Yellow (55%)
- Black (66%)



- Cyan (91%)
- Magenta (66%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 185627 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 185627 by changing the saturation by 10% instead.



 185627

 185627

FFFFFF

 003E11

 4D8955

 002800

 66A36E

 000C00

 81BE87

 000000

 9BDAA2

 B7F7BD

 D3FFD9

 F0FFF5

 185627

 185627

■ 0F5620

■ 21562E

■ 07561A

■ 295634

■ 005615

■ 32563B

■ 3A5641

■ 435648

■ 4C564E

■ 545655

■ 5D565B

■ 655662

# Harmonies

## Analogous

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



42510F



185627



005945

# Triad

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



185627



005086



803133

# Complementary

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



185627



561847

# 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.



7D2F51



185627



424581

# Square

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



185627



00567B



6A386D



743C1A

# Rectangle

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



185627



005959



6A386D



812F3D



# Sweetspot

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



185627



58705D



485618



2A382D



B8B8B8



383838



# Same Dimension

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



185627



0F7026



185645



272B28



006B1A



00EB39



# Inverse Universe

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



561847



700F59



561829



2B272A



6B0051

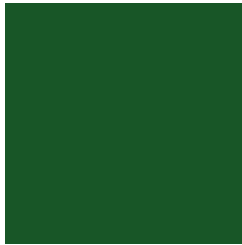


EB00B2



# Previews

## White Background



This preview shows how the Hex color 185627 looks on a white background.

## Color Contrast Check

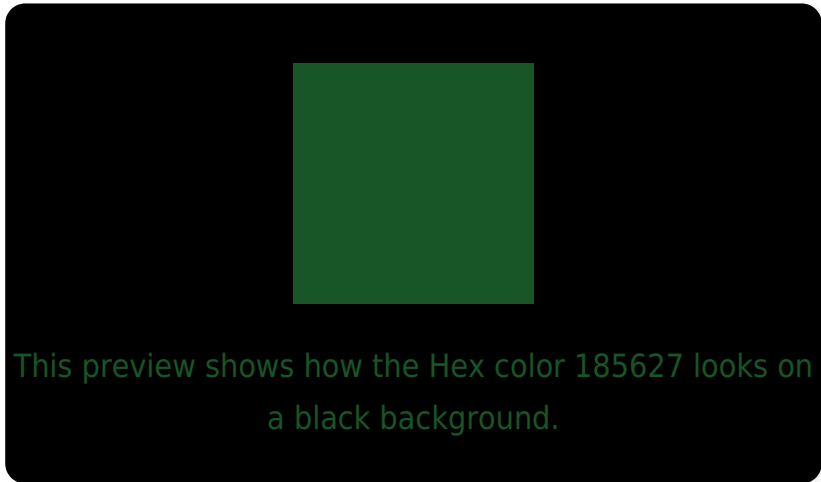
Large Text (above 18pt) WCAG AA ✓ Pass

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

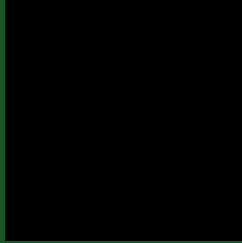
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 185627 Background



This preview shows how black text looks on a background with the Hex color 185627.



This preview shows how white text looks on a background with the Hex color 185627.

# 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**  
185627

**Protanopia**  
534B23

**Deuteranopia**  
5B472B



**Tritanopia**  
285157

# Trichromacy



**Original Color**  
185627

**Protanomaly**  
3E4F24

**Deuteranomaly**  
434C2A

**Tritanomaly**  
225346

# Monochromacy



**Original Color**  
185627

**Achromatopsia**  
3E3E3E

**Achromatomaly**  
304736

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 185627 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 #185627 looks like.

```
.text, #text, p{  
    color:#185627  
}
```

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 #185627 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #185627
}
```

## Border

The CSS property to change the border of an element to Hex 185627 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
#185627 }
```

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

```
.border{ border-color:#185627 }
```

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

Here you see how a box with a 4 pixel #185627 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #185627; -webkit-box-shadow:4px 4px  
4px 4px #185627; box-shadow:4px 4px 4px  
4px #185627 }
```

# Background

The CSS property to change the background color of an element to Hex 185627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#185627 }
```

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

```
.background{ background-color:#185627 }
```

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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