

# Converting Colors

Hex(188764)

Have a look what the booklet for  
Hex(188764) contains.

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# Color

**Hex(188764)**

# Conversions

## Conversions Part 1

Format	Color
Hex	188764
RGB	24, 135, 100
RGB Percent	9%, 53%, 39%
CMY	0.9059, 0.4706, 0.6078
CMYK	0.82, 0.00, 0.26, 0.47
HSL	161°, 70%, 31%
HSV	161°, 82%, 53%
XYZ	11.3409, 18.4422, 15.0186
YIQ	97.8210, -54.9210, -34.4170

# Conversions

## Conversions Part 2

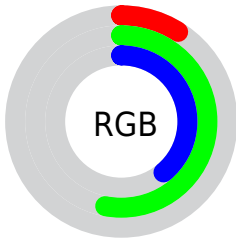
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 90, 135
Decimal	1607524
CIE <sub>Lab</sub>	50.03, -38.45, 10.51
CIE <sub>LCh</sub>	50, 39.860, 164.719
Yxy	18.4422, 0.2531, 0.4116
Android (android.graphics.Color)	4279797604 (0xFF188764)
YUV	97.8210, 1.0742, -64.7410
Hunter-Lab	42.9444, -28.0138, 9.3261

# Details

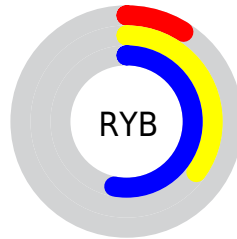
The Hex color **188764** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **87183B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **59BD97**, and **005435** is the 20% darker color. If you saturate the color by 10%, you get **0B8760**, and if you desaturate by 10%, it is **268768**.

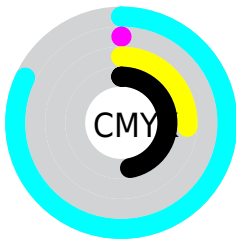
# Distribution



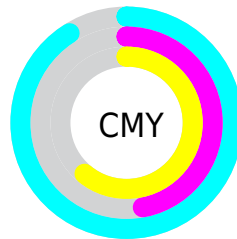
- Red (9%)
- Green (53%)
- Blue (39%)



- Red (9%)
- Yellow (35%)
- Blue (53%)



- Cyan (82%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (91%)
- Magenta (47%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 188764 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 188764 by changing the saturation by 10% instead.



 188764

 188764

FFFFFF

 006D4C

 59BD97

 005435

 75D9B2

 003C20

 92F6CD

 002709

 AEFEE9

 000000

 CBFFFF

 E8FFFF

 188764

 188764

 0B8760

 268768

■ 00875C

■ 33876D

■ 418771

■ 4E8775

■ 5C8779

■ 69877E

■ 778782

■ 848786

■ 92878A

# Harmonies

## Analogous

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



558245



188764



008887

# Triad

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



188764



5C75B9



AF6349

# Complementary

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



188764



87183B

# 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.



B75B68



188764



8F67A7

# Square

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



188764



0080B8



AD5D8A



996F34

# Rectangle

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



188764



00879D



AD5D8A



B35F52



# Sweetspot

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



188764



84B0A2



3B8718



3E5951



D9D9D9



595959



# Same Dimension

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



188764



02B079



187387



3C4240



008259



000302



# Inverse Universe

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



87183B



B00239



872C18



423C3E



820029



030001



# Previews

## White Background



This preview shows how the Hex color 188764 looks on a white background.

## Color Contrast Check

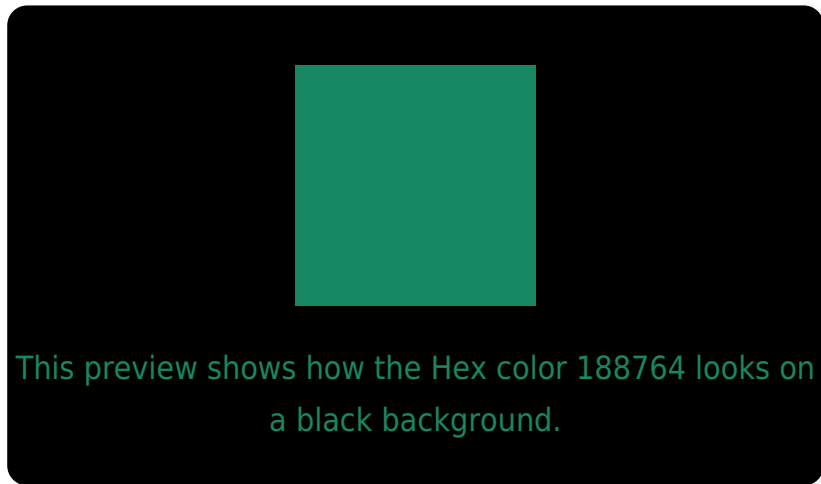
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

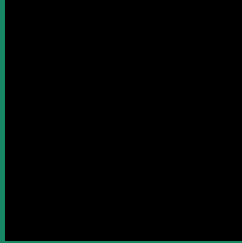
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 188764 Background



This preview shows how black text looks on a background with the Hex color 188764.



This preview shows how white text looks on a background with the Hex color 188764.

# 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**  
188764

**Protanopia**  
7E765C

**Deuteranopia**  
877269



**Tritanopia**  
31828C

# Trichromacy



**Original Color**  
188764



**Protanomaly**  
597C5F



**Deuteranomaly**  
5F7A67



**Tritanomaly**  
28847D

# Monochromacy



**Original Color**  
188764



**Achromatopsia**  
626262



**Achromatomaly**  
476F63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 188764 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 #188764 looks like.

```
.text, #text, p{  
    color:#188764  
}
```

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 #188764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #188764
}
```

## Border

The CSS property to change the border of an element to Hex 188764 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
#188764 }
```

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

```
.border{ border-color:#188764 }
```

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

Here you see how a box with a 4 pixel #188764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #188764; -webkit-box-shadow:4px 4px  
4px 4px #188764; box-shadow:4px 4px 4px  
4px #188764 }
```

# Background

The CSS property to change the background color of an element to Hex 188764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#188764 }
```

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

```
.background{ background-color:#188764 }
```

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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