

Converting Colors

Hex(18761C)

Have a look what the booklet for
Hex(18761C) contains.

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Color

Hex(18761C)

Conversions

Conversions Part 1

Format	Color
Hex	18761C
RGB	24, 118, 28
RGB Percent	9%, 46%, 11%
CMY	0.9059, 0.5373, 0.8902
CMYK	0.80, 0.00, 0.76, 0.54
HSL	123°, 66%, 28%
HSV	123°, 80%, 46%
XYZ	7.0647, 13.2349, 3.2809
YIQ	79.6340, -27.1340, -47.9180

Conversions

Conversions Part 2

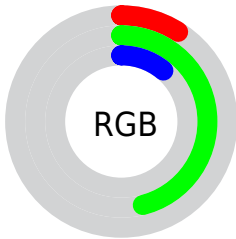
Format	Color
R_{YB}	24, 114, 118
Decimal	1603100
CIE _{Lab}	43.12, -44.58, 39.69
CIE _{LCh}	43, 59.685, 138.323
Yxy	13.2349, 0.2996, 0.5613
Android (android.graphics.Color)	4279793180 (0xFF18761C)
YUV	79.6340, -25.4556, -48.7910
Hunter-Lab	36.3798, -29.0011, 20.1189

Details

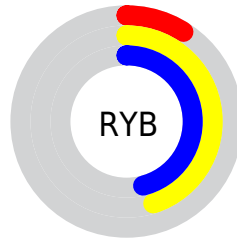
The Hex color **18761C** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **761872**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **56AB4E**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **0C7611**, and if you desaturate by 10%, it is **247627**.

Distribution



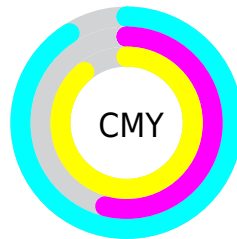
- Red (9%)
- Green (46%)
- Blue (11%)



- Red (9%)
- Yellow (45%)
- Blue (46%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (54%)



- Cyan (91%)
- Magenta (54%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18761C 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 18761C by changing the saturation by 10% instead.

 18761C

 18761C

FFFFFF

 005D00

 56AB4E

 004400

 72C767

 002E00

 8DE382

 001300

 AAFF9C

 000000

 C6FFB8

 E3FFD4

 FFFFF0

 18761C

 18761C

■ 0C7611

■ 247627

■ 007605

■ 307633

■ 3B763E

■ 477649

■ 537654

■ 5F7660

■ 6B766B

■ 767676

■ 827682

Harmonies

Analogous

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



5F6D00



18761C



007B50

Triad

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



18761C



0071C7



BC2F4A

Complementary

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



18761C



761872

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.



B3317B



18761C



3161C5

Square

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



18761C



0079AF



8D49A8



AC461B

Rectangle

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



18761C



007C73



8D49A8



BC2C5A

Sweetspot

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



18761C



749976



737618



364D37



CCCCCC



4D4D4D

Same Dimension

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



18761C



06990C



18764A



353B35



007A05



00FA0B

Inverse Universe

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



761872



990693



761844



3B353A



7A0075



FA00EF

Previews

White Background



This preview shows how the Hex color 18761C looks on a white background.

Color Contrast Check

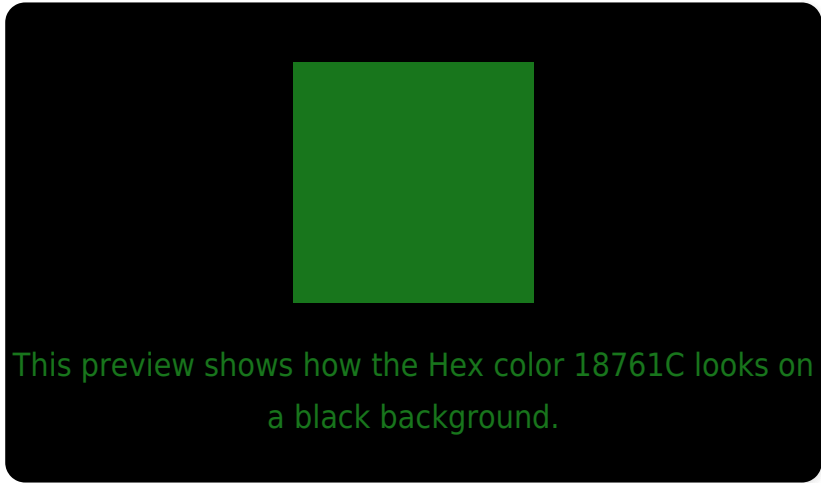
Large Text (above 18pt) WCAG AA ✓ Pass

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

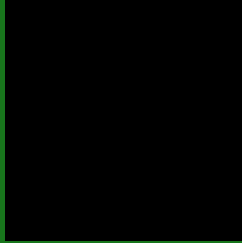
Any Text WCAG AA × Fail

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 18761C Background



This preview shows how black text looks on a background with the Hex color 18761C.



This preview shows how white text looks on a background with the Hex color 18761C.

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
18761C

Protanopia
726618

Deuteranopia
7E6025



Tritanopia
356E77

Trichromacy



Original Color
18761C



Protanomaly
516C19



Deuteranomaly
596822



Tritanomaly
2A7156

Monochromacy



Original Color
18761C



Achromatopsia
505050



Achromatomaly
3C5E3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 18761C 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 #18761C looks like.

```
.text, #text, p{  
    color:#18761C  
}
```

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 #18761C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18761C
}
```

Border

The CSS property to change the border of an element to Hex 18761C 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".

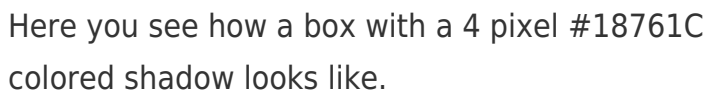
```
.border, #border, table{ border:4px solid
#18761C }
```

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

```
.border{ border-color:#18761C }
```

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

Here you see how a box with a 4 pixel #18761C colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a thick, dark green line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18761C; -webkit-box-shadow:4px 4px  
4px 4px #18761C; box-shadow:4px 4px 4px  
4px #18761C }
```

Background

The CSS property to change the background color of an element to Hex 18761C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18761C }
```

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

```
.background{ background-color:#18761C }
```

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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