

Converting Colors

Hex(1E8721)

Have a look what the booklet for
Hex(1E8721) contains.

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Color

Hex(1E8721)

Conversions

Conversions Part 1

Format	Color
Hex	1E8721
RGB	30, 135, 33
RGB Percent	12%, 53%, 13%
CMY	0.8824, 0.4706, 0.8706
CMYK	0.78, 0.00, 0.76, 0.47
HSL	122°, 64%, 32%
HSV	122°, 78%, 53%
XYZ	9.4739, 17.7138, 4.3586
YIQ	91.9770, -29.8380, -53.9820

Conversions

Conversions Part 2

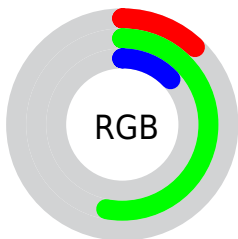
Format	Color
R_{YB}	30, 132, 135
Decimal	2000673
CIE Lab	49.15, -48.98, 43.91
CIE LCh	49, 65.777, 138.125
Yxy	17.7138, 0.3003, 0.5615
Android (android.graphics.Color)	4280190753 (0xFF1E8721)
YUV	91.9770, -29.0757, -54.3538
Hunter-Lab	42.0877, -33.4734, 23.3213

Details

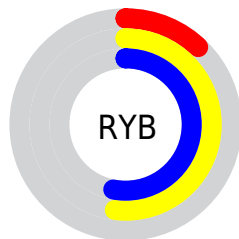
The Hex color **1E8721** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **871E84**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **5EBD54**, and **005400** is the 20% darker color. If you saturate the color by 10%, you get **118714**, and if you desaturate by 10%, it is **2C872E**.

Distribution



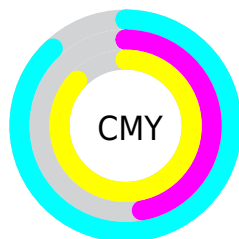
- Red (12%)
- Green (53%)
- Blue (13%)



- Red (12%)
- Yellow (52%)
- Blue (53%)



- Cyan (78%)
- Magenta (0%)
- Yellow (76%)
- Black (47%)



- Cyan (88%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E8721 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 1E8721 by changing the saturation by 10% instead.



1E8721



1E8721

FFFFFF



006D01



5EBD54



005400



7ADA6E



003B00



96F689



002600



B3FFA4



000000



D0FFC0



EEFFDC



FFFFFF9



1E8721



1E8721

■ 118714

■ 2C872E

■ 038707

■ 39873B

■ 008704

■ 478748

■ 548755

■ 628763

■ 6F8770

■ 7D877D

■ 8A878A

■ 988797

Harmonies

Analogous

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



6D7C00



1E8721



008C5C

Triad

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



1E8721



0082E3



D63756

Complementary

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



1E8721



871E84

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.



CC398D



1E8721



3770E0

Square

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



1E8721



008BC7



A054C0



C45121

Rectangle

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



1E8721



008E83



A054C0



D63368

Sweetspot

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



1E8721



87B089



85871E



405941



D9D9D9



595959

Same Dimension

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



1E8721



0CB011



1E8754



3C423C



008204



000300

Inverse Universe

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



871E84



B00CAB



871E51



423C42



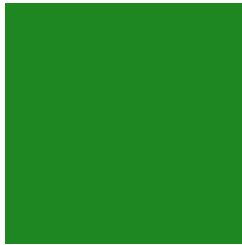
82007E



030002

Previews

White Background



This preview shows how the Hex color 1E8721 looks on a white background.

Color Contrast Check

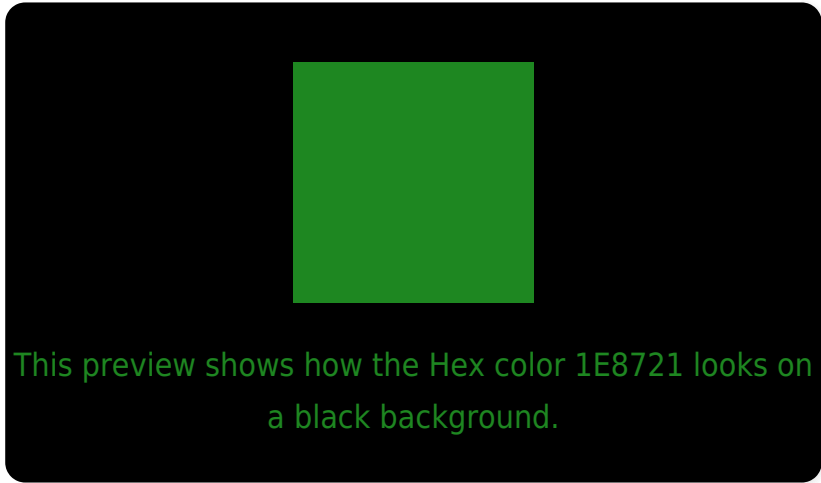
Large Text (above 18pt) WCAG AA ✓ Pass

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

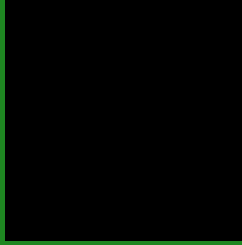
Any Text WCAG AA ✓ Pass

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 1E8721 Background



This preview shows how black text looks on a background with the Hex color 1E8721.



This preview shows how white text looks on a background with the Hex color 1E8721.

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
1E8721

Protanopia
82741C

Deuteranopia
916E2B

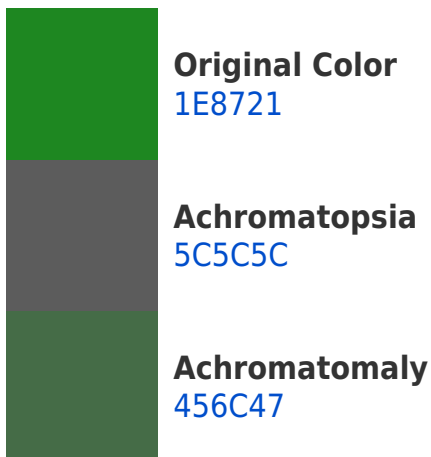


Tritanopia
3E7E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1E8721 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 #1E8721 looks like.

```
.text, #text, p{  
    color:#1E8721  
}
```

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 #1E8721 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8721
}
```

Border

The CSS property to change the border of an element to Hex 1E8721 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
#1E8721 }
```

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

```
.border{ border-color:#1E8721 }
```

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

Here you see how a box with a 4 pixel #1E8721 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8721; -webkit-box-shadow:4px 4px  
4px 4px #1E8721; box-shadow:4px 4px 4px  
4px #1E8721 }
```

Background

The CSS property to change the background color of an element to Hex 1E8721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8721 }
```

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

```
.background{ background-color:#1E8721 }
```

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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