

Converting Colors

Hex(1E5945)

Have a look what the booklet for
Hex(1E5945) contains.

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Color

Hex(1E5945)

Conversions

Conversions Part 1

Format	Color
Hex	1E5945
RGB	30, 89, 69
RGB Percent	12%, 35%, 27%
CMY	0.8824, 0.6510, 0.7294
CMYK	0.66, 0.00, 0.22, 0.65
HSL	160°, 50%, 23%
HSV	160°, 66%, 35%
XYZ	5.1820, 7.8504, 6.8724
YIQ	69.0790, -28.7440, -18.7280

Conversions

Conversions Part 2

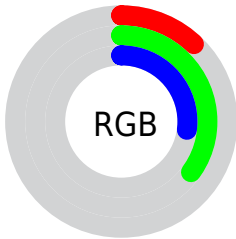
Format	Color
R_{YB}	30, 66, 89
Decimal	1988933
CIE _{Lab}	33.67, -24.50, 6.01
CIE _{LCh}	34, 25.225, 166.225
Yxy	7.8504, 0.2603, 0.3944
Android (android.graphics.Color)	4280179013 (0xFF1E5945)
YUV	69.0790, -0.0389, -34.2723
Hunter-Lab	28.0186, -16.0195, 5.0704

Details

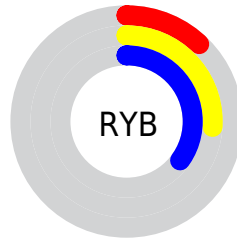
The Hex color **1E5945** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **591E32**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **518C75**, and **002B1A** is the 20% darker color. If you saturate the color by 10%, you get **155942**, and if you desaturate by 10%, it is **275948**.

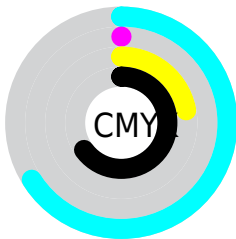
Distribution



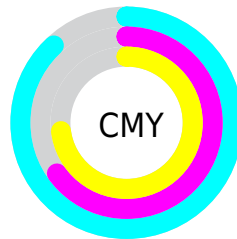
- Red (12%)
- Green (35%)
- Blue (27%)



- Red (12%)
- Yellow (26%)
- Blue (35%)



- Cyan (66%)
- Magenta (0%)
- Yellow (22%)
- Black (65%)



- Cyan (88%)
- Magenta (65%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E5945 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 1E5945 by changing the saturation by 10% instead.

 1E5945

 1E5945

FFFFFF

 00412F

 518C75

 002B1A

 6BA68F

 001500

 85C1A9


 000000

 A0DDC4

 BCFAE0

 D8FFFD

 F5FFFF

 1E5945

 1E5945

■ 155942

■ 275948

■ 0C593F

■ 30594B

■ 03593C

■ 39594E

■ 00593B

■ 425951

■ 4B5954

■ 535957

■ 5C595A

■ 65595D

■ 6E5960

Harmonies

Analogous

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



3A5633



1E5945



005A5A

Triad

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



1E5945



434D75



714433

Complementary

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



1E5945



591E32

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.



763F45



1E5945



5F466B

Square

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



1E5945



1B5476



704059



644B28

Rectangle

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



1E5945



005966



704059



734239

Sweetspot

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



1E5945



5C736B



33591E



2D3B36



BABABA



3B3B3B

Same Dimension

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



1E5945



177354



1E5059



272B2A



006B47



00EB9B

Inverse Universe

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



591E32



731736



59271E



2B2728



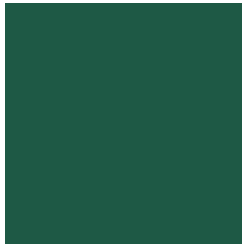
6B0024



EB0050

Previews

White Background



This preview shows how the Hex color 1E5945 looks on a white background.

Color Contrast Check

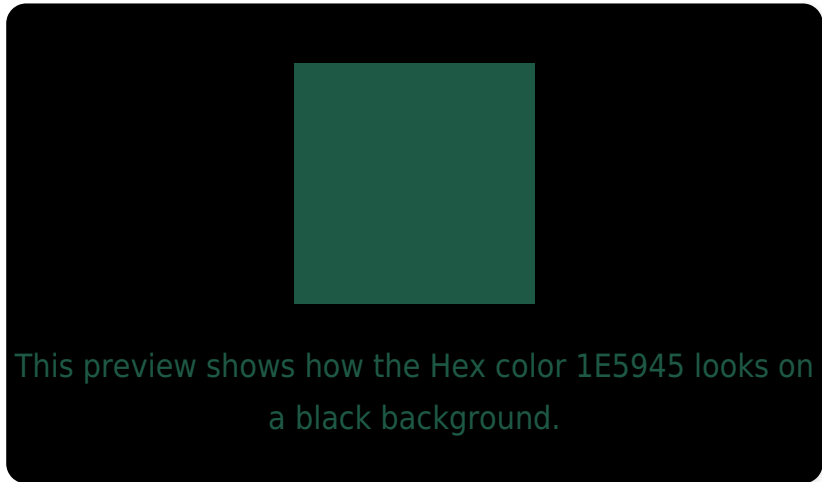
Large Text (above 18pt) WCAG AA ✓ Pass

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

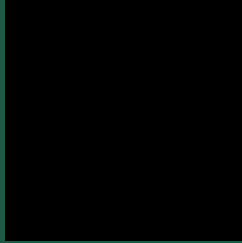
Any Text WCAG AA × Fail

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 1E5945 Background



This preview shows how black text looks on a background with the Hex color 1E5945.



This preview shows how white text looks on a background with the Hex color 1E5945.

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](#).

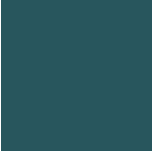
Dichromacy



Original Color
1E5945

Protanopia
544F40

Deuteranopia
594C48



Tritanopia
28565D

Trichromacy



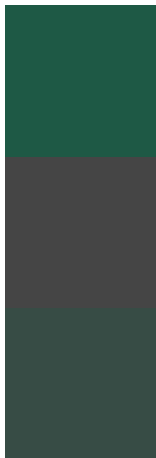
Original Color
1E5945

Protanomaly
405342

Deuteranomaly
445147

Tritanomaly
245754

Monochromacy



Original Color
1E5945

Achromatopsia
454545

Achromatomaly
374C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E5945 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 #1E5945 looks like.

```
.text, #text, p{  
    color:#1E5945  
}
```

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 #1E5945 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E5945
}
```

Border

The CSS property to change the border of an element to Hex 1E5945 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
#1E5945 }
```

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

```
.border{ border-color:#1E5945 }
```

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

Here you see how a box with a 4 pixel #1E5945 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E5945; -webkit-box-shadow:4px 4px  
4px 4px #1E5945; box-shadow:4px 4px 4px  
4px #1E5945 }
```

Background

The CSS property to change the background color of an element to Hex 1E5945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E5945 }
```

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

```
.background{ background-color:#1E5945 }
```

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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