

Converting Colors

Hex(1E563C)

Have a look what the booklet for
Hex(1E563C) contains.

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Color

Hex(1E563C)

Conversions

Conversions Part 1

Format	Color
Hex	1E563C
RGB	30, 86, 60
RGB Percent	12%, 34%, 24%
CMY	0.8824, 0.6627, 0.7647
CMYK	0.65, 0.00, 0.30, 0.66
HSL	152°, 48%, 23%
HSV	152°, 65%, 34%
XYZ	4.6788, 7.2578, 5.4293
YIQ	66.2920, -25.0300, -19.9580

Conversions

Conversions Part 2

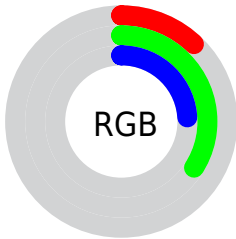
Format	Color
R_{YB}	30, 66, 86
Decimal	1988156
CIE _{Lab}	32.39, -25.32, 9.81
CIE _{LCh}	32, 27.152, 158.815
Yxy	7.2578, 0.2694, 0.4179
Android (android.graphics.Color)	4280178236 (0xFF1E563C)
YUV	66.2920, -3.1020, -31.8281
Hunter-Lab	26.9404, -16.1450, 6.9096

Details

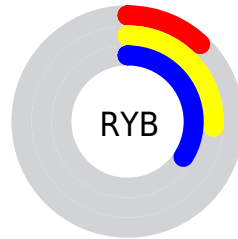
The Hex color **1E563C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **561E38**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **51886B**, and **002812** is the 20% darker color. If you saturate the color by 10%, you get **155638**, and if you desaturate by 10%, it is **275640**.

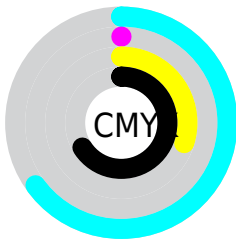
Distribution



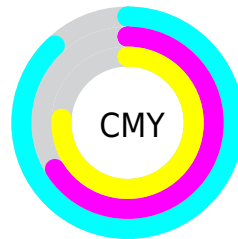
- Red (12%)
- Green (34%)
- Blue (24%)



- Red (12%)
- Yellow (26%)
- Blue (34%)



- Cyan (65%)
- Magenta (0%)
- Yellow (30%)
- Black (66%)



- Cyan (88%)
- Magenta (66%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1E563C 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 1E563C by changing the saturation by 10% instead.



1E563C



1E563C

FFFFFF



003E26



51886B



002812



6AA385



000F00



84BE9F



000000



9FDABA



BBF7D5



D7FFF2



F4FFFF



1E563C



1E563C

■ 155638

■ 275640

■ 0D5634

■ 2F5644

■ 045630

■ 385648

■ 00562E

■ 40564C

■ 495650

■ 525654

■ 5A5658

■ 63565C

■ 6B5660

Harmonies

Analogous

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



3C532A



1E563C



005752

Triad

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



1E563C



344C76



723E32

Complementary

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



1E563C



561E38

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.



743A47



1E563C



56446E

Square

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



1E563C



005374



6C3D5C



664624

Rectangle

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



1E563C



005760



6C3D5C



743C39

Sweetspot

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



1E563C



5A7066



38561E



2B3832



B8B8B8



383838

Same Dimension

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



1E563C



197048



1E5456



272B29



006B39



00EB7E

Inverse Universe

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



561E38



701941



56201E



2B2729



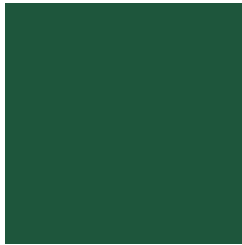
6B0032



EB006D

Previews

White Background



This preview shows how the Hex color 1E563C looks on a white background.

Color Contrast Check

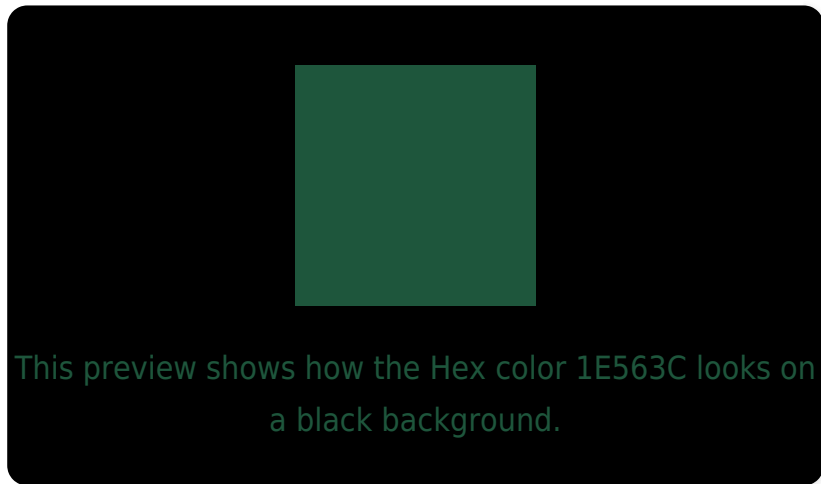
Large Text (above 18pt) WCAG AA ✓ Pass

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

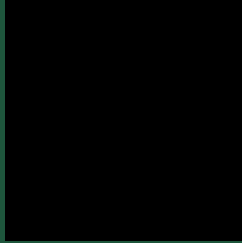
Any Text WCAG AA × Fail

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 1E563C Background



This preview shows how black text looks on a background with the Hex color 1E563C.



This preview shows how white text looks on a background with the Hex color 1E563C.

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
1E563C

Protanopia
524C37

Deuteranopia
58493F



Tritanopia
285259

Trichromacy



Original Color
1E563C

Protanomaly
3F5039

Deuteranomaly
434E3E

Tritanomaly
24534E

Monochromacy



Original Color
1E563C

Achromatopsia
424242

Achromatomaly
354940

CSS Examples

Text

The CSS property to change the color of the text to Hex 1E563C 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 #1E563C looks like.

```
.text, #text, p{  
    color:#1E563C  
}
```

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 #1E563C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E563C
}
```

Border

The CSS property to change the border of an element to Hex 1E563C 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
#1E563C }
```

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

```
.border{ border-color:#1E563C }
```

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

Here you see how a box with a 4 pixel #1E563C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E563C; -webkit-box-shadow:4px 4px  
4px 4px #1E563C; box-shadow:4px 4px 4px  
4px #1E563C }
```

Background

The CSS property to change the background color of an element to Hex 1E563C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E563C }
```

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

```
.background{ background-color:#1E563C }
```

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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