

Converting Colors

Hex(1B5451)

Have a look what the booklet for
Hex(1B5451) contains.

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Color

Hex(1B5451)

Conversions

Conversions Part 1

Format	Color
Hex	1B5451
RGB	27, 84, 81
RGB Percent	11%, 33%, 32%
CMY	0.8941, 0.6706, 0.6824
CMYK	0.68, 0.00, 0.04, 0.67
HSL	177°, 51%, 22%
HSV	177°, 68%, 33%
XYZ	5.1075, 7.1677, 8.8989
YIQ	66.6150, -33.0090, -13.0170

Conversions

Conversions Part 2

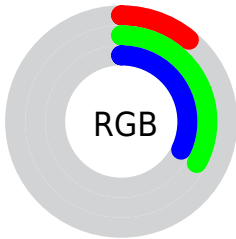
Format	Color
RYB	27, 56, 84
Decimal	1791057
CIELab	32.19, -19.02, -3.71
CIElCh	32, 19.376, 191.054
Yxy	7.1677, 0.2412, 0.3385
Android (android.graphics.Color)	4279981137 (0xFF1B5451)
YUV	66.6150, 7.0918, -34.7424
Hunter-Lab	26.7726, -12.7990, -0.9664

Details

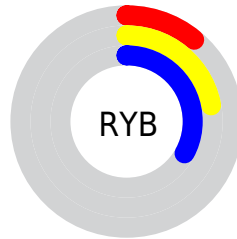
The Hex color **1B5451** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **541B1E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4F8682**, and **002625** is the 20% darker color. If you saturate the color by 10%, you get **135451**, and if you desaturate by 10%, it is **235451**.

Distribution



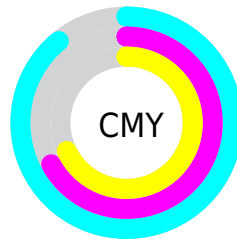
- Red (11%)
- Green (33%)
- Blue (32%)



- Red (11%)
- Yellow (22%)
- Blue (33%)



- Cyan (68%)
- Magenta (0%)
- Yellow (4%)
- Black (67%)



- Cyan (89%)
- Magenta (67%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B5451 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 1B5451 by changing the saturation by 10% instead.

 1B5451

 1B5451

FFFFFF

 003D3A

 4F8682

 002625

 69A09C

 000F10

 83BBB7

 000000

 9ED7D3

 BAF4EF

 D6FFFF

 F3FFFF

 1B5451

 1B5451

■ 135451

■ 235451

■ 0A5450

■ 2C5452

■ 025450

■ 345452

■ 005450

■ 3D5453

■ 455453

■ 4D5454

■ 565454

■ 5E5455

■ 675455

Harmonies

Analogous

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



2D5341



1B5451



15535F

Triad

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



1B5451



554663



5E472F

Complementary

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



1B5451



541B1E

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.



674338



1B5451



634156

Square

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



1B5451



3F4B69



6A4047



504D2E

Rectangle

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



1B5451



205166



6A4047



624632

Sweetspot

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



1B5451



586E6C



1F541B



2B3837



B8B8B8



383838

Same Dimension

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



1B5451



156E69



1B3B54



252929



006963



00E8DC

Inverse Universe

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



541B1E



6E151A



54341B



292525



690006



E8000C

Previews

White Background



This preview shows how the Hex color 1B5451 looks on a white background.

Color Contrast Check

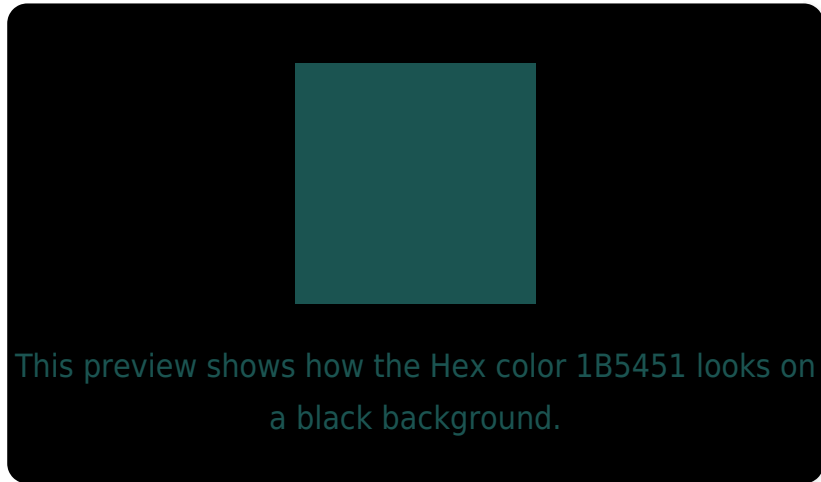
Large Text (above 18pt) WCAG AA ✓ Pass

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

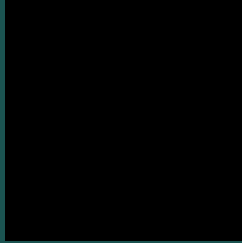
Any Text WCAG AA × Fail

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 1B5451 Background



This preview shows how black text looks on a background with the Hex color 1B5451.



This preview shows how white text looks on a background with the Hex color 1B5451.

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](#).

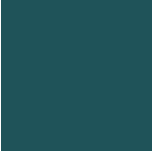
Dichromacy



Original Color
1B5451

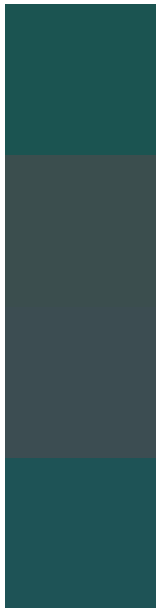
Protanopia
4D4B4C

Deuteranopia
4F4953



Tritanopia
1F5359

Trichromacy



Original Color
1B5451

Protanomaly
3B4E4E

Deuteranomaly
3C4D52

Tritanomaly
1E5356

Monochromacy



Original Color
1B5451

Achromatopsia
434343

Achromatomaly
344948

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B5451 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 #1B5451 looks like.

```
.text, #text, p{  
    color:#1B5451  
}
```

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 #1B5451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B5451
}
```

Border

The CSS property to change the border of an element to Hex 1B5451 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
#1B5451 }
```

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

```
.border{ border-color:#1B5451 }
```

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

Here you see how a box with a 4 pixel #1B5451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B5451; -webkit-box-shadow:4px 4px  
4px 4px #1B5451; box-shadow:4px 4px 4px  
4px #1B5451 }
```

Background

The CSS property to change the background color of an element to Hex 1B5451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B5451 }
```

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

```
.background{ background-color:#1B5451 }
```

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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