

Converting Colors

Hex(1B445A)

Have a look what the booklet for
Hex(1B445A) contains.

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Color

Hex(1B445A)

Conversions

Conversions Part 1

Format	Color
Hex	1B445A
RGB	27, 68, 90
RGB Percent	11%, 27%, 35%
CMY	0.8941, 0.7333, 0.6471
CMYK	0.70, 0.24, 0.00, 0.65
HSL	201°, 54%, 23%
HSV	201°, 70%, 35%
XYZ	4.3646, 5.1054, 10.4283
YIQ	58.2490, -31.4980, -1.8500

Conversions

Conversions Part 2

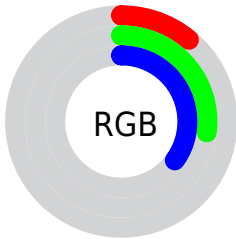
Format	Color
R_{YB}	27, 52, 90
Decimal	1786970
CIE Lab	27.03, -6.44, -17.31
CIE LCh	27, 18.469, 249.597
Yxy	5.1054, 0.2193, 0.2566
Android (android.graphics.Color)	4279977050 (0xFF1B445A)
YUV	58.2490, 15.6532, -27.4054
Hunter-Lab	22.5952, -5.0619, -11.5472

Details

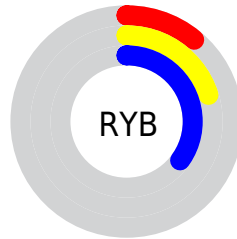
The Hex color **1B445A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **5A311B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **4F748C**, and **00192C** is the 20% darker color. If you saturate the color by 10%, you get **12415A**, and if you desaturate by 10%, it is **24475A**.

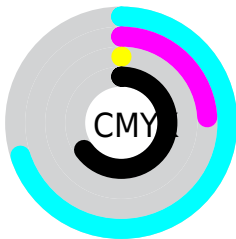
Distribution



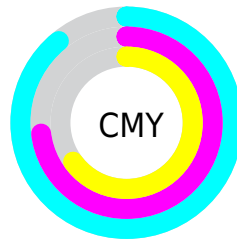
- Red (11%)
- Green (27%)
- Blue (35%)



- Red (11%)
- Yellow (20%)
- Blue (35%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (65%)



- Cyan (89%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B445A 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 1B445A by changing the saturation by 10% instead.

■ 1B445A

■ 1B445A

FFFFFF

■ 002E42

■ 4F748C

■ 00192C

■ 688EA7

■ 000118

■ 83A8C2

■ 000000

■ 9EC3DE

■ B9DFFA

■ D5FCFF

■ F2FFFF

■ 1B445A

■ 1B445A

■ 12415A

■ 24475A

■ 093E5A

■ 2D4A5A

■ 003B5A

■ 364D5A

■ 3F515A

■ 48545A

■ 51575A

■ 5A5A5A

■ 635D5A

■ 6C605A

Harmonies

Analogous

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



074751



1B445A



33405C

Triad

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



1B445A



5B353C



35442A

Complementary

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



1B445A



5A311B

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.



454024



1B445A



5A372F

Square

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



1B445A



55364A



513C26



244736

Rectangle

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



1B445A



413C58



513C26



3B4327

Sweetspot

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



1B445A



5D6D75



1B5A30



2C363B



BABABA



3B3B3B

Same Dimension

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



1B445A



135375



1B265A



292C2E



00476E



009AED

Inverse Universe

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



5A1B44



751353



5A501B



2E292C



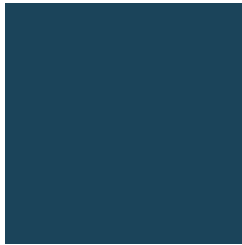
6E0047



ED009A

Previews

White Background



This preview shows how the Hex color 1B445A looks on a white background.

Color Contrast Check

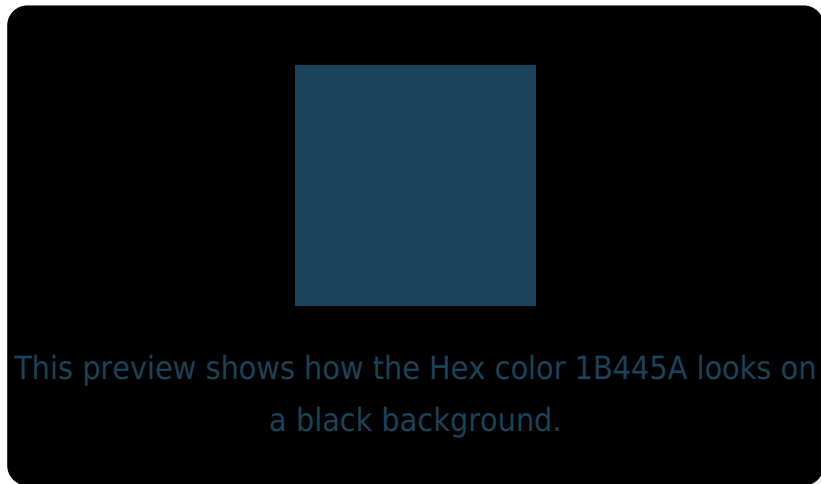
Large Text (above 18pt) WCAG AA ✓ Pass

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

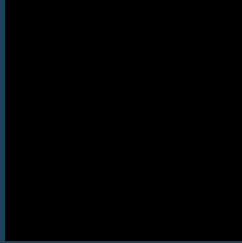
Any Text WCAG AA × Fail

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 1B445A Background



This preview shows how black text looks on a background with the Hex color 1B445A.



This preview shows how white text looks on a background with the Hex color 1B445A.

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

1B445A

Protanopia

393F56

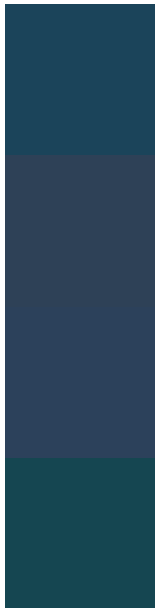
Deuteranopia

353F5B



Tritanopia
11474C

Trichromacy



Original Color
1B445A

Protanomaly
2E4157

Deuteranomaly
2C415B

Tritanomaly
154651

Monochromacy



Original Color
1B445A

Achromatopsia
3A3A3A

Achromatomaly
2F3E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B445A 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 #1B445A looks like.

```
.text, #text, p{  
    color:#1B445A  
}
```

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 #1B445A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B445A
}
```

Border

The CSS property to change the border of an element to Hex 1B445A 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
#1B445A }
```

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

```
.border{ border-color:#1B445A }
```

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

Here you see how a box with a 4 pixel #1B445A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B445A; -webkit-box-shadow:4px 4px  
4px 4px #1B445A; box-shadow:4px 4px 4px  
4px #1B445A }
```

Background

The CSS property to change the background color of an element to Hex 1B445A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B445A }
```

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

```
.background{ background-color:#1B445A }
```

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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