

Converting Colors

Hex(1B4523)

Have a look what the booklet for
Hex(1B4523) contains.

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Color

Hex(1B4523)

Conversions

Conversions Part 1

Format	Color
Hex	1B4523
RGB	27, 69, 35
RGB Percent	11%, 27%, 14%
CMY	0.8941, 0.7294, 0.8627
CMYK	0.61, 0.00, 0.49, 0.73
HSL	131°, 44%, 19%
HSV	131°, 61%, 27%
XYZ	2.8835, 4.6106, 2.3281
YIQ	52.5660, -14.1180, -19.4780

Conversions

Conversions Part 2

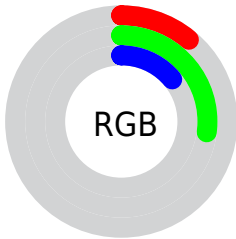
Format	Color
RYB	27, 62, 69
Decimal	1787171
CIELab	25.60, -23.35, 16.21
CIELCh	26, 28.421, 145.236
Yxy	4.6106, 0.2936, 0.4694
Android (android.graphics.Color)	4279977251 (0xFF1B4523)
YUV	52.5660, -8.6600, -22.4214
Hunter-Lab	21.4723, -13.6060, 8.6023

Details

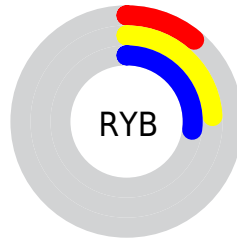
The Hex color **1B4523** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **451B3D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **4B7650**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **14451D**, and if you desaturate by 10%, it is **224529**.

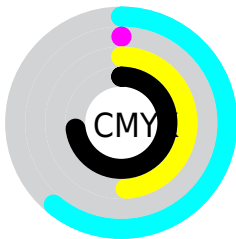
Distribution



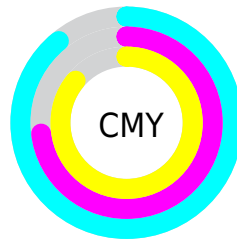
- Red (11%)
- Green (27%)
- Blue (14%)



- Red (11%)
- Yellow (24%)
- Blue (27%)



- Cyan (61%)
- Magenta (0%)
- Yellow (49%)
- Black (73%)



- Cyan (89%)
- Magenta (73%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1B4523 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 1B4523 by changing the saturation by 10% instead.

 1B4523

 1B4523

FFFFFF

 022E0E

 4B7650

 001C00

 649068

 000000

 7DAA82

 98C69C

 B3E2B7

 CFFED2

 EBFFEF

 1B4523

 1B4523

■ 14451D

■ 224529

■ 0D4518

■ 29452E

■ 064512

■ 304534

■ 00450D

■ 374539

■ 3E453F

■ 444545

■ 4B454A

■ 524550

■ 594555

Harmonies

Analogous

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



374113



1B4523



004738

Triad

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



1B4523



004067



642B2C

Complementary

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



1B4523



451B3D

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.



622A41



1B4523



383864

Square

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



1B4523



004560



543055



5B321A

Rectangle

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



1B4523



004747



543055



642A32

Sweetspot

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



1B4523



49594C



3D451B



242E26



ADADAD



2E2E2E

Same Dimension

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



1B4523



185925



1B4538



202421



006313



00E32B

Inverse Universe

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



451B3D



59184D



451B28



242023



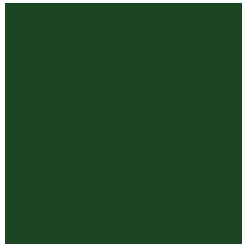
630051



E300B8

Previews

White Background



This preview shows how the Hex color 1B4523 looks on a white background.

Color Contrast Check

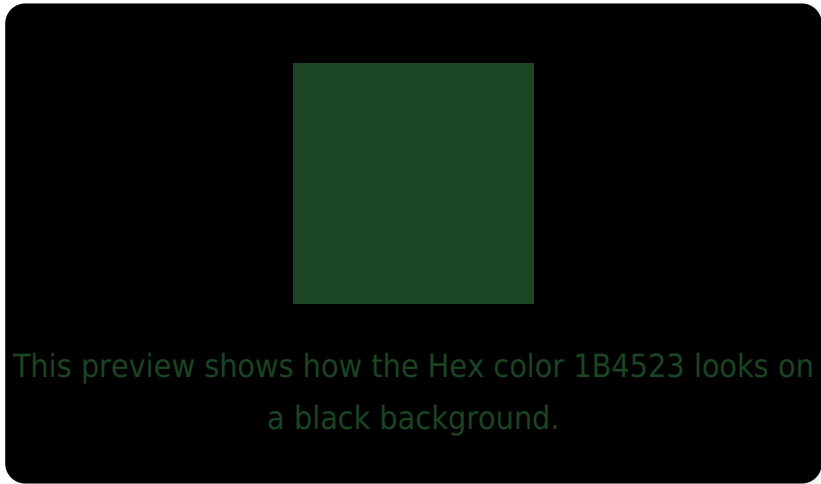
Large Text (above 18pt) WCAG AA ✓ Pass

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

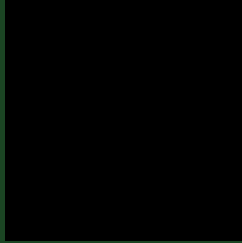
Any Text WCAG AA × Fail

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 1B4523 Background



This preview shows how black text looks on a background with the Hex color 1B4523.

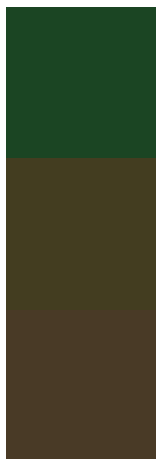


This preview shows how white text looks on a background with the Hex color 1B4523.

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](#).

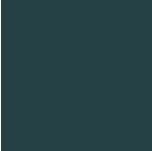
Dichromacy



Original Color
1B4523

Protanopia
433D20

Deuteranopia
493A26



Tritanopia
254146

Trichromacy



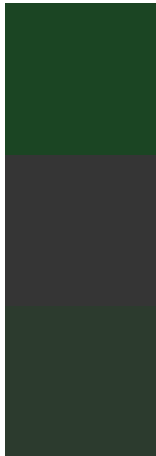
Original Color
1B4523

Protanomaly
344021

Deuteranomaly
383E25

Tritanomaly
214239

Monochromacy



Original Color
1B4523

Achromatopsia
353535

Achromatomaly
2C3B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1B4523 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 #1B4523 looks like.

```
.text, #text, p{  
    color:#1B4523  
}
```

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 #1B4523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1B4523
}
```

Border

The CSS property to change the border of an element to Hex 1B4523 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
#1B4523 }
```

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

```
.border{ border-color:#1B4523 }
```

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

Here you see how a box with a 4 pixel #1B4523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1B4523; -webkit-box-shadow:4px 4px  
4px 4px #1B4523; box-shadow:4px 4px 4px  
4px #1B4523 }
```

Background

The CSS property to change the background color of an element to Hex 1B4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1B4523 }
```

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

```
.background{ background-color:#1B4523 }
```

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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