

Converting Colors

Hex(18320B)

Have a look what the booklet for
Hex(18320B) contains.

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Color

Hex(18320B)

Conversions

Conversions Part 1

Format	Color
Hex	18320B
RGB	24, 50, 11
RGB Percent	9%, 20%, 4%
CMY	0.9059, 0.8039, 0.9569
CMYK	0.52, 0.00, 0.78, 0.80
HSL	100°, 64%, 12%
HSV	100°, 78%, 20%
XYZ	1.5777, 2.4996, 0.7159
YIQ	37.7800, -2.9770, -17.6410

Conversions

Conversions Part 2

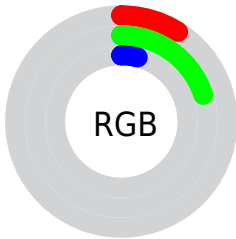
Format	Color
R_{YB}	11, 50, 37
Decimal	1585675
CIE _{Lab}	17.92, -18.65, 20.65
CIE _{LCh}	18, 27.824, 132.081
Yxy	2.4996, 0.3292, 0.5215
Android (android.graphics.Color)	4279775755 (0xFF18320B)
YUV	37.7800, -13.2025, -12.0851
Hunter-Lab	15.8100, -9.8548, 8.3822

Details

The Hex color **18320B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **250B32**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **466137**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **153206**, and if you desaturate by 10%, it is **1B3210**.

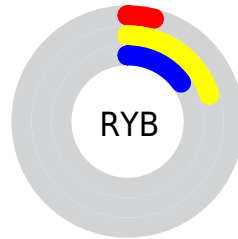
Distribution



Red (9%)

Green (20%)

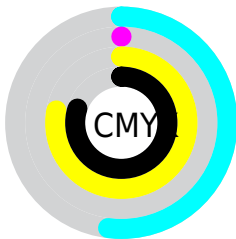
Blue (4%)



Red (4%)

Yellow (20%)

Blue (15%)

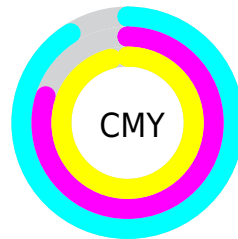


Cyan (52%)

Magenta (0%)

Yellow (78%)

Black (80%)



Cyan (91%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18320B 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 18320B by changing the saturation by 10% instead.

 18320B

 18320B

 FFFFD

 001E00

 466137

 000000

 5E7A4E

 779366

 91AE80

 ACC99A

 C7E6B5

 E4FFD0

 18320B

 18320B

■ 153206

■ 1B3210

■ 113201

■ 1F3215

■ 113200

■ 22321A

■ 25321F

■ 293224

■ 2C3229

■ 2F322E

■ 333233

■ 363238

Harmonies

Analogous

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



2F2D00



18320B



00341F

Triad

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



18320B



003152



501825

Complementary

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



18320B



250B32

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.



4A1B39



18320B



112B53

Square

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



18320B



003446



37234A



4C1E12

Rectangle

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



18320B



00352D



37234A



4F182B

Sweetspot

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



18320B



364031



32250B



1B2118



A1A1A1



212121

Same Dimension

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



18320B



184004



0B3211



181A17



1E5900



48D900

Inverse Universe

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



250B32



2C0440



320B2B



19171A



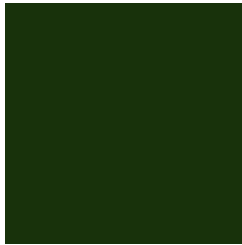
3C0059



9100D9

Previews

White Background



This preview shows how the Hex color 18320B looks on a white background.

Color Contrast Check

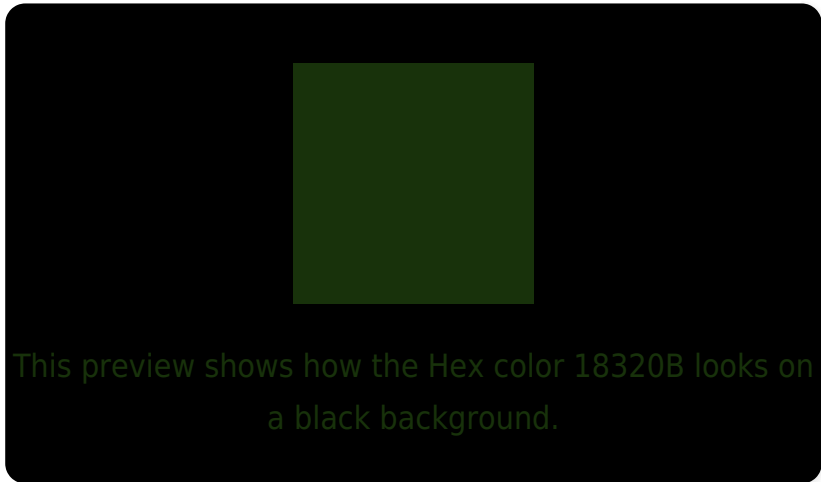
Large Text (above 18pt) WCAG AA ✓ Pass

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

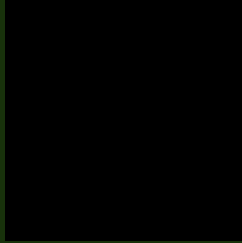
Any Text WCAG AA × Fail

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 18320B Background



This preview shows how black text looks on a background with the Hex color 18320B.



This preview shows how white text looks on a background with the Hex color 18320B.

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
18320B

Protanopia
312C09

Deuteranopia
372A0F



Tritanopia
1F2F32

Trichromacy



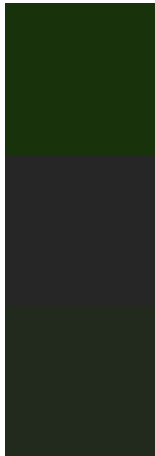
Original Color
18320B

Protanomaly
282E0A

Deuteranomaly
2C2D0E

Tritanomaly
1C3024

Monochromacy



Original Color
18320B

Achromatopsia
262626

Achromatomaly
212A1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 18320B 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 #18320B looks like.

```
.text, #text, p{  
    color:#18320B  
}
```

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 #18320B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18320B
}
```

Border

The CSS property to change the border of an element to Hex 18320B is called "border". The border property can be set on classes, ids or directly on the HTML element.

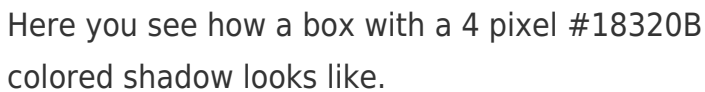
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#18320B }
```

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

```
.border{ border-color:#18320B }
```

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



Here you see how a box with a 4 pixel #18320B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18320B; -webkit-box-shadow:4px 4px  
4px 4px #18320B; box-shadow:4px 4px 4px  
4px #18320B }
```

Background

The CSS property to change the background color of an element to Hex 18320B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18320B }
```

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

```
.background{ background-color:#18320B }
```

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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