

Converting Colors

Hex(180500)

Have a look what the booklet for
Hex(180500) contains.

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Color

Hex(180500)

Conversions

Conversions Part 1

Format	Color
Hex	180500
RGB	24, 5, 0
RGB Percent	9%, 2%, 0%
CMY	0.9059, 0.9804, 1.0000
CMYK	0.00, 0.79, 1.00, 0.91
HSL	12°, 100%, 5%
HSV	12°, 100%, 9%
XYZ	0.4310, 0.3027, 0.0357
YIQ	10.1110, 12.9290, 2.4730

Conversions

Conversions Part 2

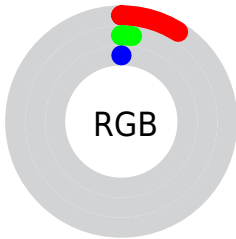
Format	Color
R _Y B	24, 6, 0
Decimal	1574144
CIE Lab	2.73, 5.87, 4.20
CIE LCh	3, 7.218, 35.623
Yxy	0.3027, 0.5601, 0.3935
Android (android.graphics.Color)	4279764224 (0xFF180500)
YUV	10.1110, -4.9847, 12.1807
Hunter-Lab	5.5021, 4.3526, 3.4666

Details

The Hex color **180500** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **001318**, and the grayscale version is **0A0A0A**.

A 20% lighter version of the original color is **413330**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **180500**, and if you desaturate by 10%, it is **180702**.

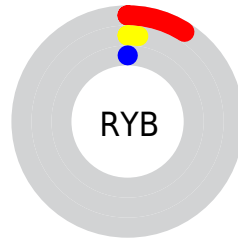
Distribution



Red (9%)

Green (2%)

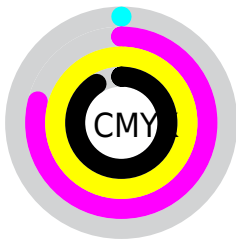
Blue (0%)



Red (9%)

Yellow (2%)

Blue (0%)

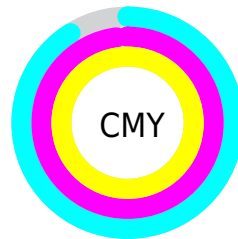


Cyan (0%)

Magenta (79%)

Yellow (100%)

Black (91%)



Cyan (91%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 180500 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 180500 by changing the saturation by 10% instead.

 180500


 180500

 F9E6E2

 000000

 413330

 594A47

 71615E

 8B7A77

 A69491

 C1AFAB

 DDCAC6

 180500

■ 180702

■ 180905

■ 180B07

■ 180D0A

■ 180F0C

■ 18100E

■ 181211

■ 181413

■ 181616

Harmonies

Analogous

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



180409



180500



140700

Triad

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



180500



000E02



040A17

Complementary

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



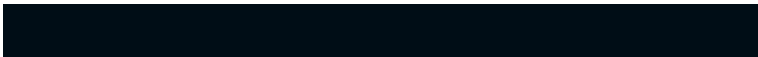
180500



001318

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.



000D16



180500



000F0B

Square

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



180500



040D00



000E12



0E0715

Rectangle

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



180500



100900



000E12



000B17

Sweetspot

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



180500



1F1715



180013



0F0B0A



8F8F8F



0F0F0F

Same Dimension

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



180500



1F0600



181100



0D0C0B



4D1000



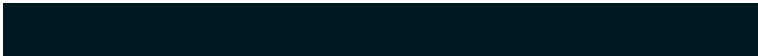
CC2B00

Inverse Universe

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



001318



00181F



000718



0B0C0D



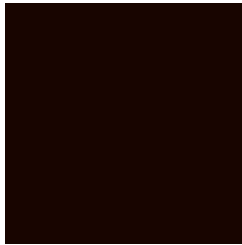
003D4D



00A2CC

Previews

White Background



This preview shows how the Hex color 180500 looks on a white background.

Color Contrast Check

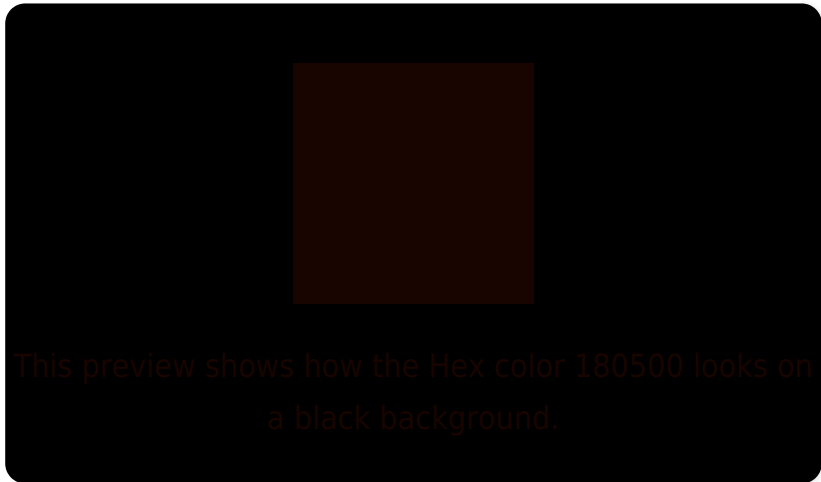
Large Text (above 18pt) WCAG AA ✓ Pass

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

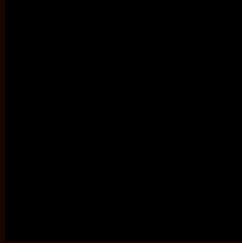
Any Text WCAG AA × Fail

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 180500 Background



This preview shows how black text looks on a background with the Hex color 180500.

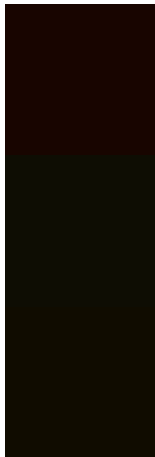


This preview shows how white text looks on a background with the Hex color 180500.

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](#).

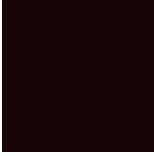
Dichromacy



Original Color
180500

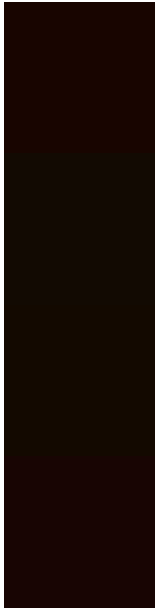
Protanopia
0E0D03

Deuteranopia
100C00



Tritanopia
180505

Trichromacy



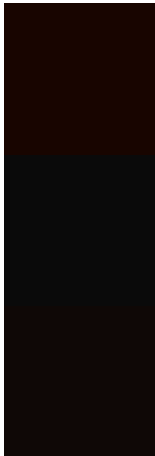
Original Color
180500

Protanomaly
120A02

Deuteranomaly
130900

Tritanomaly
180503

Monochromacy



Original Color
180500

Achromatopsia
0A0A0A

Achromatomaly
0F0806

CSS Examples

Text

The CSS property to change the color of the text to Hex 180500 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 #180500 looks like.

```
.text, #text, p{  
    color:#180500  
}
```

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 #180500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #180500
}
```

Border

The CSS property to change the border of an element to Hex 180500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

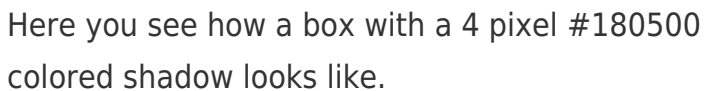
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#180500 }
```

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

```
.border{ border-color:#180500 }
```

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



Here you see how a box with a 4 pixel #180500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #180500; -webkit-box-shadow:4px 4px  
4px 4px #180500; box-shadow:4px 4px 4px  
4px #180500 }
```

Background

The CSS property to change the background color of an element to Hex 180500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#180500 }
```

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

```
.background{ background-color:#180500 }
```

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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