

Converting Colors

Hex(178005)

Have a look what the booklet for
Hex(178005) contains.

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Color

Hex(178005)

Conversions

Conversions Part 1

Format	Color
Hex	178005
RGB	23, 128, 5
RGB Percent	9%, 50%, 2%
CMY	0.9098, 0.4980, 0.9804
CMYK	0.82, 0.00, 0.96, 0.50
HSL	111°, 92%, 26%
HSV	111°, 96%, 50%
XYZ	8.0999, 15.6315, 2.7338
YIQ	82.5830, -23.0970, -60.5130

Conversions

Conversions Part 2

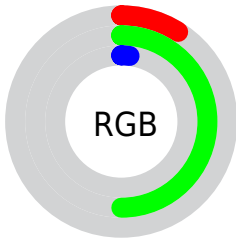
Format	Color
RYB	5, 128, 110
Decimal	1540101
CIELab	46.49, -49.31, 49.17
CIELCh	46, 69.638, 135.080
Yxy	15.6315, 0.3061, 0.5906
Android (android.graphics.Color)	4279730181 (0xFF178005)
YUV	82.5830, -38.2484, -52.2543
Hunter-Lab	39.5366, -32.6196, 23.5759

Details

The Hex color **178005** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **6E0580**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **59B642**, and **004D00** is the 20% darker color. If you saturate the color by 10%, you get **138000**, and if you desaturate by 10%, it is **228012**.

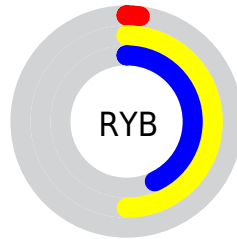
Distribution



Red (9%)

Green (50%)

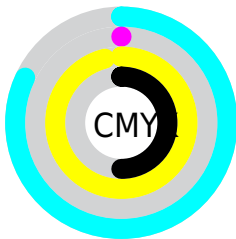
Blue (2%)



Red (2%)

Yellow (50%)

Blue (43%)

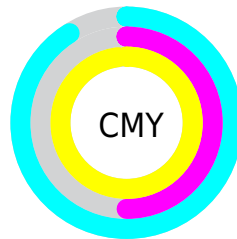


Cyan (82%)

Magenta (0%)

Yellow (96%)

Black (50%)



Cyan (91%)

Magenta (50%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 178005 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 178005 by changing the saturation by 10% instead.

 178005

 178005

FFFFFF

 006600

 59B642

 004D00

 76D25C

 003500

 92EF77

 001F00

 AFFF92

 000000

 CCFFAD

 E9FFC9

 FFFFE6

 178005

 178005

■ 138000

■ 228012

■ 2D801F

■ 38802B

■ 438038

■ 4E8045

■ 598052

■ 63805F

■ 6E806B

■ 798078

Harmonies

Analogous

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



6B7500



178005



00864E

Triad

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



178005



007DE0



D32254

Complementary

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



178005



6E0580

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.



C62A8E



178005



006BE0

Square

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



178005



0085C0



944EC2



C2431A

Rectangle

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



178005



008777



944EC2



D21E67

Sweetspot

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



178005



7DA676



806E05



3B5437



D4D4D4



545454

Same Dimension

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



178005



18A600



058030



3A4039



138000



000000

Inverse Universe

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



6E0580



8D00A6



800555



3F3940



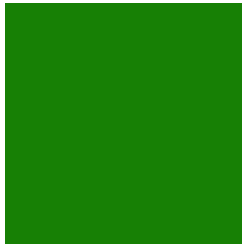
6D0080



000000

Previews

White Background



This preview shows how the Hex color 178005 looks on a white background.

Color Contrast Check

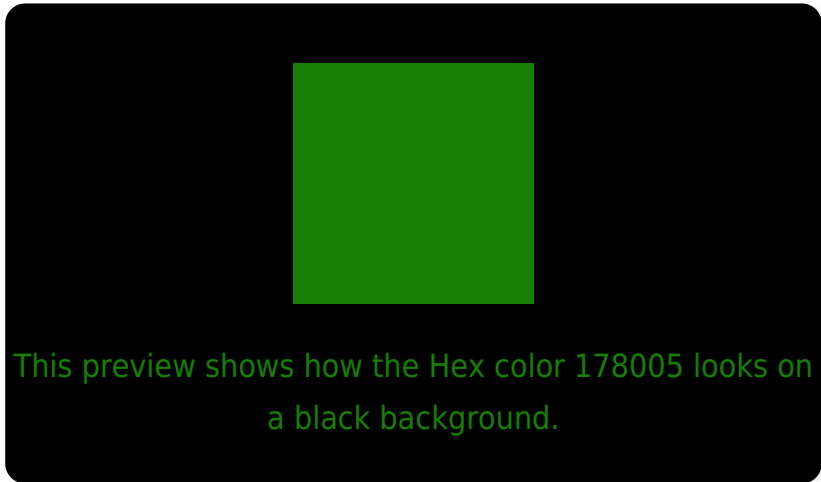
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

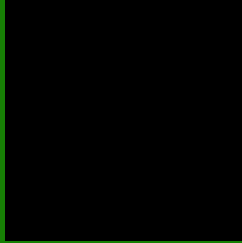
Any Text WCAG AA × Fail

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 178005 Background



This preview shows how black text looks on a background with the Hex color 178005.

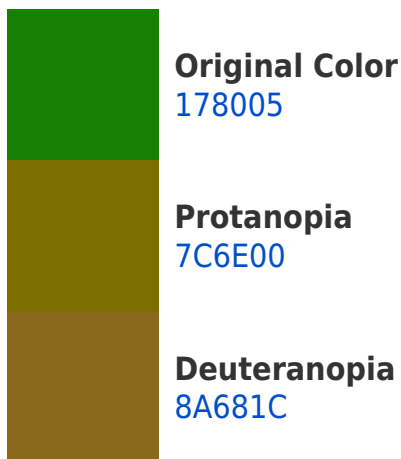


This preview shows how white text looks on a background with the Hex color 178005.

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





Tritanopia
397781

Trichromacy



Original Color
178005

Protanomaly
577502

Deuteranomaly
607114

Tritanomaly
2D7A54

Monochromacy



Original Color
178005

Achromatopsia
535353

Achromatomaly
3D6337

CSS Examples

Text

The CSS property to change the color of the text to Hex 178005 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 #178005 looks like.

```
.text, #text, p{  
    color:#178005  
}
```

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 #178005 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #178005
}
```

Border

The CSS property to change the border of an element to Hex 178005 is called "border". The border property can be set on classes, ids or directly on the HTML element.

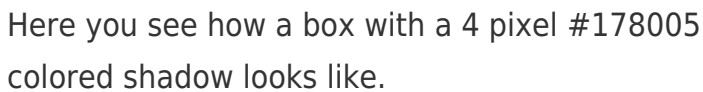
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#178005 }
```

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

```
.border{ border-color:#178005 }
```

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



Here you see how a box with a 4 pixel #178005 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #178005; -webkit-box-shadow:4px 4px  
4px 4px #178005; box-shadow:4px 4px 4px  
4px #178005 }
```

Background

The CSS property to change the background color of an element to Hex 178005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#178005 }
```

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

```
.background{ background-color:#178005 }
```

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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