

Converting Colors

Hex(178205)

Have a look what the booklet for
Hex(178205) contains.

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Color

Hex(178205)

Conversions

Conversions Part 1

Format	Color
Hex	178205
RGB	23, 130, 5
RGB Percent	9%, 51%, 2%
CMY	0.9098, 0.4902, 0.9804
CMYK	0.82, 0.00, 0.96, 0.49
HSL	111°, 93%, 26%
HSV	111°, 96%, 51%
XYZ	8.3634, 16.1584, 2.8217
YIQ	83.7570, -23.6470, -61.5590

Conversions

Conversions Part 2

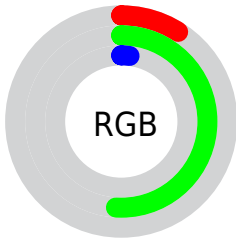
Format	Color
R_{YB}	5, 130, 112
Decimal	1540613
CIE _{Lab}	47.18, -49.94, 49.75
CIE _{LCh}	47, 70.493, 135.112
Yxy	16.1584, 0.3059, 0.5909
Android (android.graphics.Color)	4279730693 (0xFF178205)
YUV	83.7570, -38.8272, -53.2839
Hunter-Lab	40.1975, -33.2074, 23.9764

Details

The Hex color **178205** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **700582**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5AB843**, and **004F00** is the 20% darker color. If you saturate the color by 10%, you get **138200**, and if you desaturate by 10%, it is **228212**.

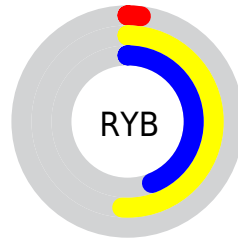
Distribution



Red (9%)

Green (51%)

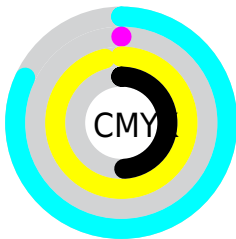
Blue (2%)



Red (2%)

Yellow (51%)

Blue (44%)

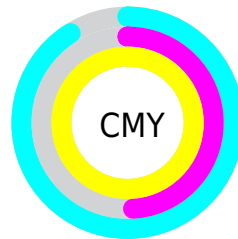


Cyan (82%)

Magenta (0%)

Yellow (96%)

Black (49%)



Cyan (91%)

Magenta (49%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 178205 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 178205 by changing the saturation by 10% instead.

 178205

 178205

FFFFFF

 006800

 5AB843

 004F00

 76D45D

 003700

 93F177

 002100


 B0FF92

 000000

 CDFFAE

 EAFFCA

 FFFFE7

 178205

 178205

■ 138200

■ 228212

■ 2D821F

■ 38822C

■ 448239

■ 4F8246

■ 5A8253

■ 658260

■ 70826D

■ 7B827A

Harmonies

Analogous

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



6C7700



178205



00884F

Triad

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



178205



007FE4



D62355

Complementary

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



178205



700582

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.



C92B90



178205



006DE4

Square

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



178205



0088C3



964FC5



C5441B

Rectangle

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



178205



008979



964FC5



D51E68

Sweetspot

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



178205



7FA877



826F05



3B5437



D4D4D4



545454

Same Dimension

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



178205



18A800



058231



3A4039



128000



000000

Inverse Universe

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



700582



9000A8



820556



3F3940



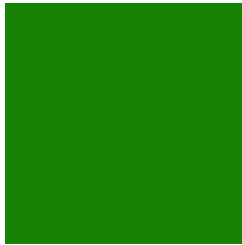
6D0080



000000

Previews

White Background



This preview shows how the Hex color 178205 looks on a white background.

Color Contrast Check

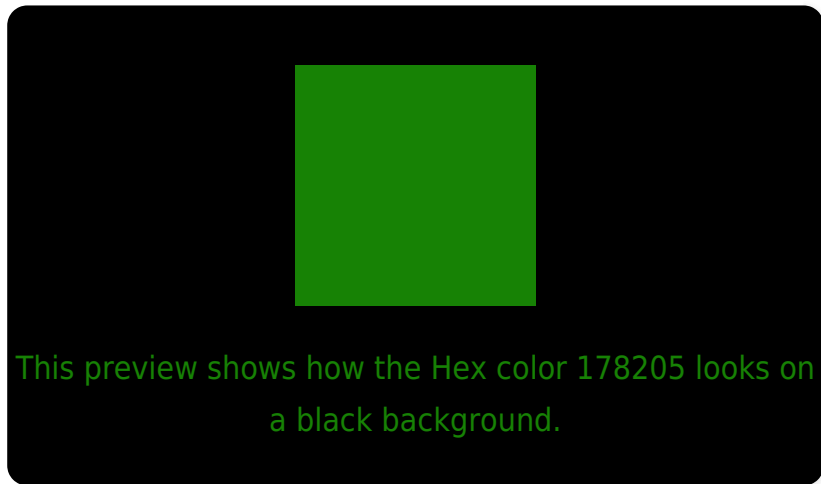
Large Text (above 18pt) WCAG AA ✓ Pass

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 178205 Background



This preview shows how black text looks on a background with the Hex color 178205.



This preview shows how white text looks on a background with the Hex color 178205.

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
178205

Protanopia
7E7000

Deuteranopia
8C6A1C



Tritanopia
3A7983

Trichromacy



Original Color
178205



Protanomaly
597702



Deuteranomaly
617314



Tritanomaly
2D7C55

Monochromacy



Original Color
178205



Achromatopsia
545454



Achromatomaly
3E6537

CSS Examples

Text

The CSS property to change the color of the text to Hex 178205 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 #178205 looks like.

```
.text, #text, p{  
    color:#178205  
}
```

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 #178205 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #178205
}
```

Border

The CSS property to change the border of an element to Hex 178205 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
#178205 }
```

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

```
.border{ border-color:#178205 }
```

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

Here you see how a box with a 4 pixel #178205 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #178205; -webkit-box-shadow:4px 4px  
4px 4px #178205; box-shadow:4px 4px 4px  
4px #178205 }
```

Background

The CSS property to change the background color of an element to Hex 178205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#178205 }
```

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

```
.background{ background-color:#178205 }
```

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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