

Converting Colors

Hex(818181)

Have a look what the booklet for
Hex(818181) contains.

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Color

Hex(818181)

Conversions

Conversions Part 1

Format	Color
Hex	818181
RGB	129, 129, 129
RGB Percent	51%, 51%, 51%
CMY	0.4941, 0.4941, 0.4941
CMYK	0.00, 0.00, 0.00, 0.49
HSL	0°, 0%, 51%
HSV	0°, 0%, 51%
XYZ	20.8660, 21.9526, 23.9064
YIQ	129.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

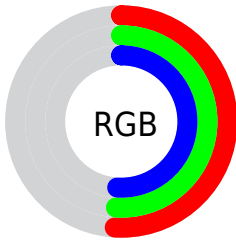
Format	Color
R_{YB}	129, 129, 129
Decimal	8487297
CIE Lab	53.98, 0.00, -0.01
CIE LCh	54, 0.007, 296.813
Yxy	21.9526, 0.3127, 0.3290
Android (android.graphics.Color)	4286677377 (0xFF818181)
YUV	129.0000, 0.0000, 0.0000
Hunter-Lab	46.8536, -2.5000, 2.5456

Details

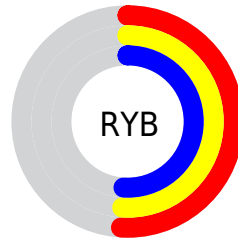
The Hex color **818181** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **818181**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B6B6B6**, and **505050** is the 20% darker color. If you saturate the color by 10%, you get **817474**, and if you desaturate by 10%, it is **818E8E**.

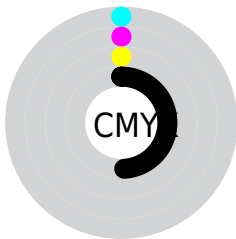
Distribution



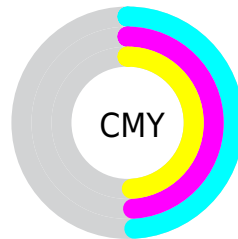
- Red (51%)
- Green (51%)
- Blue (51%)



- Red (51%)
- Yellow (51%)
- Blue (51%)



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



- Cyan (49%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 818181 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 818181 by changing the saturation by 10% instead.



818181



818181

FFFFFF



686868



B6B6B6



505050



D1D1D1



393939



EEEEEE



242424



0E0E0E



000000



818181



818181



817474



818E8E



816767



819B9B

 815A5A

 81A8A8

 814D4D

 81B5B5

 814141


 81C2C2

 813434

 81CECE

 812727

 81DBDB

 811A1A

 81E8E8

 810D0D

 81F5F5

Harmonies

Sweetspot

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



818181



A8A8A8



545454



D4D4D4

Same Dimension

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



818181



A8A8A8



404040



800000



000000

Inverse Universe

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



818181



A8A8A8



404040



008080



000000

Previews

White Background



This preview shows how the Hex color 818181 looks on a white background.

Color Contrast Check

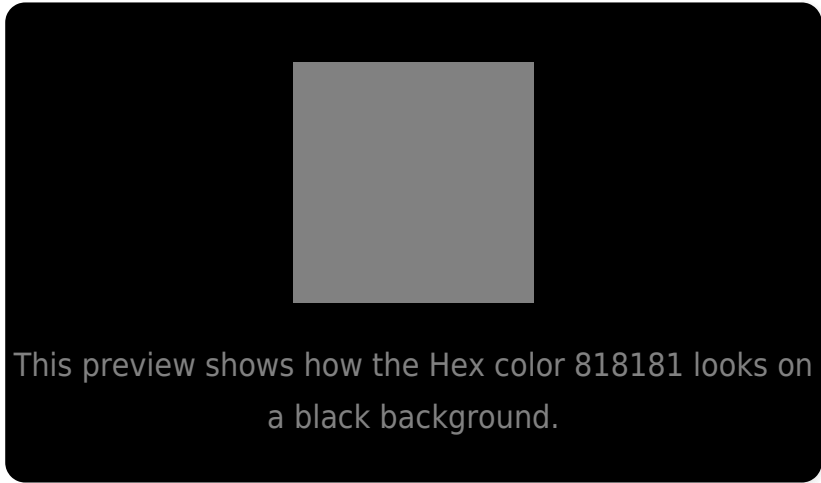
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

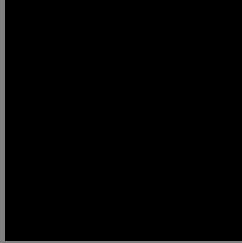
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

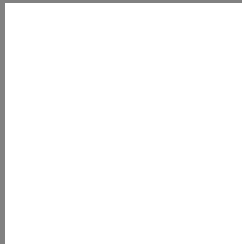
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 818181 Background



This preview shows how black text looks on a background with the Hex color 818181.



This preview shows how white text looks on a background with the Hex color 818181.

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
818181

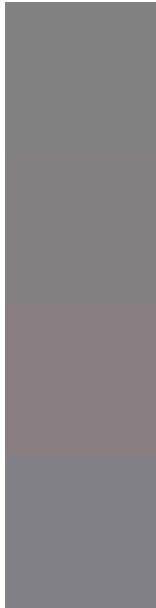
Protanopia
838081

Deuteranopia
8D7D82



Tritanopia
82808A

Trichromacy



Original Color
818181

Protanomaly
828081

Deuteranomaly
897E82

Tritanomaly
828087

Monochromacy



Original Color
818181

Achromatopsia
818181

Achromatomaly
818181

CSS Examples

Text

The CSS property to change the color of the text to Hex 818181 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 #818181 looks like.

```
.text, #text, p{  
    color:#818181  
}
```

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 #818181 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #818181
}
```

Border

The CSS property to change the border of an element to Hex 818181 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
#818181 }
```

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

```
.border{ border-color:#818181 }
```

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

Here you see how a box with a 4 pixel #818181 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #818181; -webkit-box-shadow:4px 4px  
4px 4px #818181; box-shadow:4px 4px 4px  
4px #818181 }
```

Background

The CSS property to change the background color of an element to Hex 818181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#818181 }
```

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

```
.background{ background-color:#818181 }
```

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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