

Converting Colors

RGB(120, 120, 120)

Have a look what the booklet for
RGB(120, 120, 120) contains.

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Color

RGB(120, 120, 120)

Conversions

Conversions Part 1

Format	Color
Hex	787878
RGB	120, 120, 120
RGB Percent	47%, 47%, 47%
CMY	0.5294, 0.5294, 0.5294
CMYK	0.00, 0.00, 0.00, 0.53
HSL	0°, 0%, 47%
HSV	0°, 0%, 47%
XYZ	17.8524, 18.7821, 20.4537
YIQ	120.0000, -0.0000, -0.0000

Conversions

Conversions Part 2

Format	Color
R_{YB}	120, 120, 120
Decimal	7895160
CIE Lab	50.43, 0.00, -0.01
CIE LCh	50, 0.007, 296.813
Yxy	18.7821, 0.3127, 0.3290
Android (android.graphics.Color)	4286085240 (0xFF787878)
YUV	120.0000, 0.0000, 0.0000
Hunter-Lab	43.3383, -2.3124, 2.3547

Details

The RGB color `120, 120, 120` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `120, 120, 120`, and the grayscale version is `120, 120, 120`.

A 20% lighter version of the original color is `172, 172, 172`, and `72, 72, 72` is the 20% darker color. If you saturate the color by 10%, you get `120, 108, 108`, and if you desaturate by 10%, it is `120, 132, 132`.

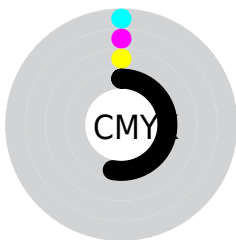
Distribution



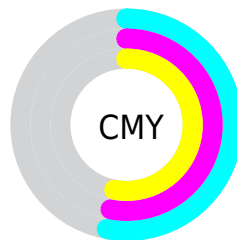
- Red (47%)
- Green (47%)
- Blue (47%)



- Red (47%)
- Yellow (47%)
- Blue (47%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (53%)




- Cyan (53%)
- Magenta (53%)
- Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the RGB color 120, 120, 120 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 RGB color 120, 120, 120 by changing the saturation by 10% instead.


 120, 120, 120

255, 255, 255

 172, 172, 172

 200, 200, 200

 228, 228, 228

 120, 120, 120

 95, 95, 95


 72, 72, 72

 49, 49, 49

 28, 28, 28


 2, 2, 2


 0, 0, 0


 120, 120, 120

 120, 108, 108

 120, 96, 96

 120, 120, 120


 120, 132, 132

 120, 144, 144


 120, 84, 84


 120, 156, 156


 120, 72, 72

 120, 168, 168

 120, 60, 60

 120, 180, 180

 120, 48, 48


 120, 192, 192

 120, 36, 36

 120, 204, 204

 120, 24, 24

 120, 216, 216

 120, 12, 12

 120, 228, 228

Harmonies

Sweetspot

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



120, 120, 120



156, 156, 156



79, 79, 79



207, 207, 207

Same Dimension

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



120, 120, 120



156, 156, 156



61, 61, 61



125, 0, 0



252, 0, 0

Inverse Universe

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



120, 120, 120



156, 156, 156



61, 61, 61



0, 125, 125



0, 252, 252

Previews

White Background



This preview shows how the RGB color 120, 120, 120 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



This preview shows how the RGB color 120, 120, 120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

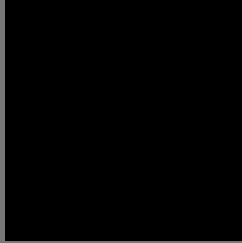
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

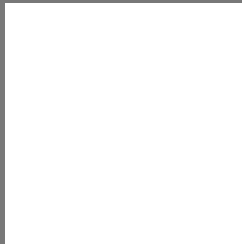
Any Text WCAG AAA × Fail

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

RGB 120, 120, 120 Background



This preview shows how black text looks on a background with the RGB color 120, 120, 120.

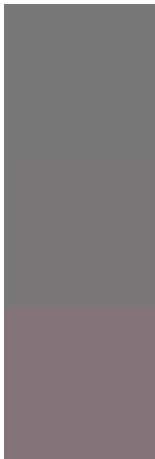


This preview shows how white text looks on a background with the RGB color 120, 120, 120.

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
120, 120, 120

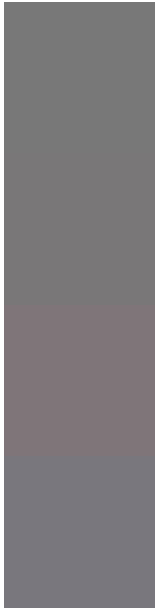
Protanopia
122, 119, 120

Deuteranopia
131, 116, 121



Tritanopia
121, 119, 128

Trichromacy



Original Color

120, 120, 120

Protanomaly

121, 119, 120

Deuteranomaly

127, 117, 121

Tritanomaly

121, 119, 125

Monochromacy



Original Color

120, 120, 120

Achromatopsia

120, 120, 120

Achromatomaly

120, 120, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 120, 120 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 `rgb(120, 120, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 120, 120)  
}
```

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 rgb(120, 120, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 120, 120) }
```

Border

The CSS property to change the border of an element to RGB 120, 120, 120 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 rgb(120, 120, 120) }
```

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

```
.border{ border-color:rgb(120, 120, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 120, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 120, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 120, 120); box-shadow:4px 4px 4px 4px rgb(120, 120, 120) }
```

Background

The CSS property to change the background color of an element to RGB 120, 120, 120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 120, 120) }
```

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

```
.background{ background-color: rgb(120,  
120, 120) }
```

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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