

Converting Colors

RGB(70, 70, 70)

Have a look what the booklet for
RGB(70, 70, 70) contains.

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Color

RGB(70, 70, 70)

Conversions

Conversions Part 1

Format	Color
Hex	464646
RGB	70, 70, 70
RGB Percent	27%, 27%, 27%
CMY	0.7255, 0.7255, 0.7255
CMYK	0.00, 0.00, 0.00, 0.73
HSL	0°, 0%, 27%
HSV	0°, 0%, 27%
XYZ	5.8214, 6.1246, 6.6697
YIQ	70.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

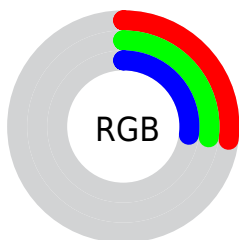
Format	Color
RYB	70, 70, 70
Decimal	4605510
CIELab	29.72, 0.00, -0.00
CIELCh	30, 0.005, 296.813
Yxy	6.1246, 0.3127, 0.3290
Android (android.graphics.Color)	4282795590 (0xFF464646)
YUV	70.0000, 0.0000, 0.0000
Hunter-Lab	24.7479, -1.3205, 1.3446

Details

The RGB color **70, 70, 70** is a dark color, and the websafe version is hex **333333**, and the color name is [charcoal](#). A complement of this color would be **70, 70, 70**, and the grayscale version is **70, 70, 70**.

A 20% lighter version of the original color is **118, 118, 118**, and **27, 27, 27** is the 20% darker color. If you saturate the color by 10%, you get **70, 63, 63**, and if you desaturate by 10%, it is **70, 77, 77**.

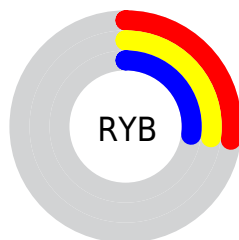
Distribution



 Red (27%)

 Green (27%)

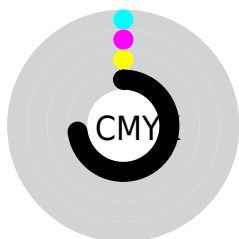
 Blue (27%)



 Red (27%)

 Yellow (27%)

 Blue (27%)

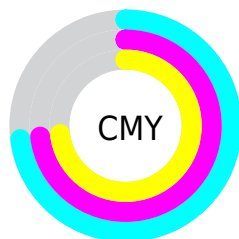



 Cyan (0%)


 Magenta (0%)

 Yellow (0%)

 Black (73%)



 Cyan (73%)


 Magenta (73%)

 Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 70, 70 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 70, 70, 70 by changing the saturation by 10% instead.

 70, 70, 70


 70, 70, 70

255, 255, 255

 48, 48, 48

 118, 118, 118

 27, 27, 27

 144, 144, 144


 0, 0, 0


 170, 170, 170

 198, 198, 198


 226, 226, 226


254, 254, 254


 70, 70, 70

 70, 70, 70


 70, 63, 63

 70, 77, 77

 70, 56, 56


 70, 84, 84


 70, 49, 49


 70, 91, 91


 70, 42, 42


 70, 98, 98


 70, 35, 35


 70, 105, 105


 70, 28, 28

 70, 112, 112


 70, 21, 21

 70, 119, 119

 70, 14, 14

 70, 126, 126

 70, 7, 7

 70, 133, 133

Harmonies

Sweetspot

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



70, 70, 70



92, 92, 92



46, 46, 46



173, 173, 173

Same Dimension

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



70, 70, 70



92, 92, 92



36, 36, 36



99, 0, 0



227, 0, 0

Inverse Universe

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



70, 70, 70



92, 92, 92



36, 36, 36



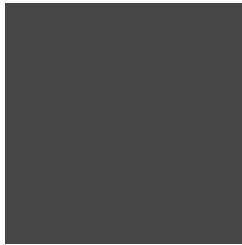
0, 99, 99



0, 227, 227

Previews

White Background



This preview shows how the RGB color 70, 70, 70 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



This preview shows how the RGB color 70, 70, 70 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

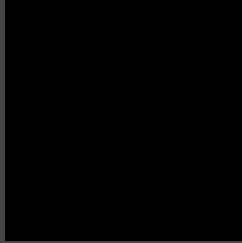
Any Text WCAG AA × Fail

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](#).

RGB 70, 70, 70 Background



This preview shows how black text looks on a background with the RGB color 70, 70, 70.



This preview shows how white text looks on a background with the RGB color 70, 70, 70.

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

70, 70, 70

Protanopia

71, 70, 70

Deuteranopia

76, 68, 70



Tritanopia

71, 69, 75

Trichromacy



Original Color

70, 70, 70

Protanomaly

71, 70, 70

Deuteranomaly

74, 69, 70

Tritanomaly

71, 69, 73

Monochromacy



Original Color

70, 70, 70

Achromatopsia

70, 70, 70

Achromatomaly

70, 70, 70

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 70, 70 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(70, 70, 70)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 70)  
}
```

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(70, 70, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 70) }
```

Border

The CSS property to change the border of an element to RGB 70, 70, 70 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(70, 70, 70) }
```

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

```
.border{ border-color:rgb(70, 70, 70) }
```

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

Here you see how a box with a 4 pixel rgb(70, 70, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 70, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 70, 70);  
box-shadow:4px 4px 4px 4px rgb(70, 70, 70)  
}
```

Background

The CSS property to change the background color of an element to RGB 70, 70, 70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 70, 70) }
```

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

```
.background{ background-color: rgb(70, 70,  
70) }
```

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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