

Converting Colors

RGB(70, 125, 137)

Have a look what the booklet for
RGB(70, 125, 137) contains.

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Color

RGB(70, 125, 137)

Conversions

Conversions Part 1

Format	Color
Hex	467D89
RGB	70, 125, 137
RGB Percent	27%, 49%, 54%
CMY	0.7255, 0.5098, 0.4627
CMYK	0.49, 0.09, 0.00, 0.46
HSL	191°, 32%, 41%
HSV	191°, 49%, 54%
XYZ	14.3748, 17.7755, 26.3403
YIQ	109.9230, -36.6320, -7.9280

Conversions

Conversions Part 2

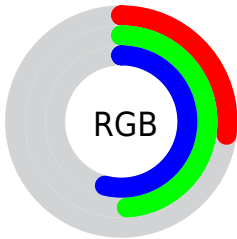
Format	Color
RYB	70, 100, 137
Decimal	4619657
CIELab	49.22, -14.74, -12.17
CIELCh	49, 19.111, 219.539
Yxy	17.7755, 0.2458, 0.3039
Android (android.graphics.Color)	4282809737 (0xFF467D89)
YUV	109.9230, 13.3490, -35.0125
Hunter-Lab	42.1610, -12.9222, -7.5291

Details

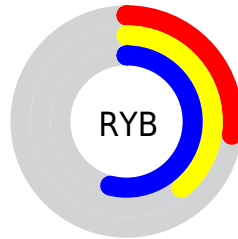
The RGB color **70, 125, 137** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **137, 82, 70**, and the grayscale version is **110, 110, 110**.

A 20% lighter version of the original color is **123, 178, 190**, and **11, 76, 87** is the 20% darker color. If you saturate the color by 10%, you get **56, 123, 137**, and if you desaturate by 10%, it is **84, 127, 137**.

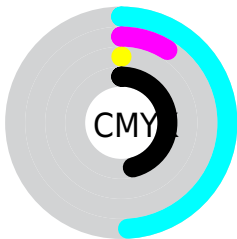
Distribution



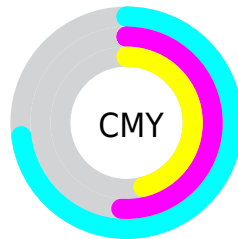
- Red (27%)
- Green (49%)
- Blue (54%)



- Red (27%)
- Yellow (39%)
- Blue (54%)



- Cyan (49%)
- Magenta (9%)
- Yellow (0%)
- Black (46%)























- Cyan (73%)
- Magenta (51%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the RGB color 70, 125, 137 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, 125, 137 by changing the saturation by 10% instead.

 70, 125, 137	 70, 125, 137
 255, 255, 255	 43, 100, 112
 123, 178, 190	 11, 76, 87
 150, 205, 218	 0, 53, 64
 177, 233, 247	 0, 32, 42
 206, 255, 255	 0, 1, 22
 235, 255, 255	 0, 0, 0

 70, 125, 137	 70, 125, 137
 56, 123, 137	 84, 127, 137
 43, 120, 137	 97, 130, 137

■ 29, 118, 137

■ 111, 132, 137

■ 15, 115, 137

■ 125, 135, 137

■ 2, 113, 137

■ 139, 137, 137

■ 0, 112, 137

■ 152, 140, 137

■ 166, 142, 137

■ 180, 145, 137

■ 193, 147, 137

Harmonies

Analogous

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



73, 126, 122



70, 125, 137



83, 122, 147

Triad

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



70, 125, 137



142, 107, 129



124, 118, 85

Complementary

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



70, 125, 137



137, 82, 70

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.



139, 112, 87



70, 125, 137



150, 105, 112

Square

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



70, 125, 137



126, 111, 142



148, 107, 97



106, 122, 92

Rectangle

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



70, 125, 137



97, 119, 149



148, 107, 97



129, 116, 85

Sweetspot

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



70, 125, 137



152, 174, 179



70, 137, 81



73, 86, 89



217, 217, 217



89, 89, 89

Same Dimension

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



70, 125, 137



73, 160, 179



70, 92, 137



62, 68, 69



0, 109, 133



0, 4, 5

Inverse Universe

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



137, 70, 125



179, 73, 160



137, 115, 70



69, 62, 68



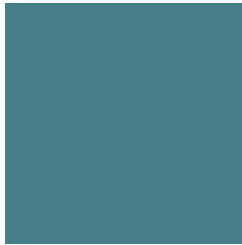
133, 0, 109



5, 0, 4

Previews

White Background



This preview shows how the RGB color 70, 125, 137 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



This preview shows how the RGB color 70, 125, 137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

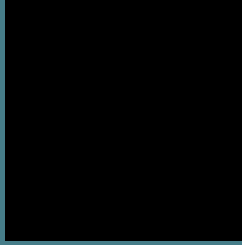
Any Text WCAG AA ✓ Pass

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 70, 125, 137 Background



This preview shows how black text looks on a background with the RGB color 70, 125, 137.

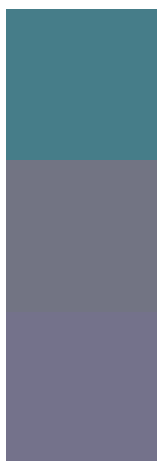


This preview shows how white text looks on a background with the RGB color 70, 125, 137.

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, 125, 137

Protanopia

114, 116, 131

Deuteranopia

116, 114, 139



Tritanopia
69, 125, 135

Trichromacy



Original Color

70, 125, 137

Protanomaly

98, 119, 133

Deuteranomaly

99, 118, 138

Tritanomaly

69, 125, 136

Monochromacy



Original Color

70, 125, 137

Achromatopsia

110, 110, 110

Achromatomaly

95, 115, 120

CSS Examples

Text

The CSS property to change the color of the text to RGB 70, 125, 137 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, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(70, 125, 137)  
}
```

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, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 125, 137) }
```

Border

The CSS property to change the border of an element to RGB 70, 125, 137 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, 125, 137) }
```

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

```
.border{ border-color:rgb(70, 125, 137) }
```

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

Here you see how a box with a 4 pixel rgb(70, 125, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(70, 125,  
137) }
```

Background

The CSS property to change the background color of an element to RGB 70, 125, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 125, 137) }
```

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

```
.background{ background-color: rgb(70, 125,  
137) }
```

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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