

Converting Colors

RGB(100, 131, 140)

Have a look what the booklet for
RGB(100, 131, 140) contains.

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Color

RGB(100, 131, 140)

Conversions

Conversions Part 1	
Format	Color
Hex	64838C
RGB	100, 131, 140
RGB Percent	39%, 51%, 55%
CMY	0.6078, 0.4863, 0.4510
CMYK	0.29, 0.06, 0.00, 0.45
HSL	194°, 17%, 47%
HSV	194°, 29%, 55%
XYZ	18.1055, 20.8354, 27.8783
YIQ	122.7570, -21.3650, -3.7730

Conversions

Conversions Part 2

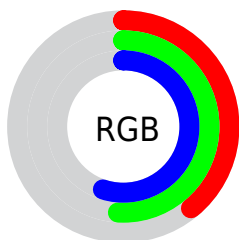
Format	Color
RYB	100, 117, 140
Decimal	6587276
CIELab	52.77, -8.73, -8.43
CIELCh	53, 12.134, 224.017
Yxy	20.8354, 0.2710, 0.3118
Android (android.graphics.Color)	4284777356 (0xFF64838C)
YUV	122.7570, 8.5008, -19.9579
Hunter-Lab	45.6458, -9.0779, -4.2595

Details

The RGB color `100, 131, 140` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `140, 109, 100`, and the grayscale version is `123, 123, 123`.

A 20% lighter version of the original color is `152, 184, 194`, and `51, 82, 90` is the 20% darker color. If you saturate the color by 10%, you get `86, 128, 140`, and if you desaturate by 10%, it is `114, 134, 140`.

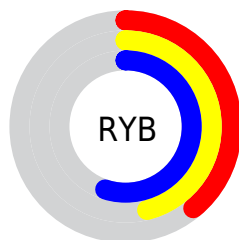
Distribution



Red (39%)

Green (51%)

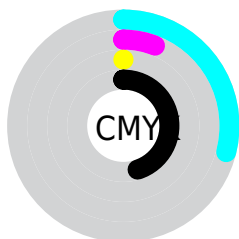
Blue (55%)



Red (39%)

Yellow (46%)

Blue (55%)

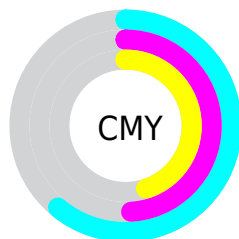


Cyan (29%)

Magenta (6%)

Yellow (0%)

Black (45%)



Cyan (61%)

Magenta (49%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RGB color 100, 131, 140 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 100, 131, 140 by changing the saturation by 10% instead.

 100, 131, 140


255, 255, 255


 152, 184, 194


 179, 212, 221

 207, 240, 250

 235, 255, 255

 100, 131, 140

 75, 106, 115


 51, 82, 90


 28, 59, 67


 3, 37, 44

 0, 16, 24


 0, 0, 0

 100, 131, 140


 86, 128, 140

 72, 125, 140


 100, 131, 140


 114, 134, 140


 128, 137, 140


 58, 122, 140


 142, 140, 140


 44, 118, 140

 156, 144, 140


 30, 115, 140

 170, 147, 140


 16, 112, 140


 184, 150, 140

 2, 109, 140

 198, 153, 140

 0, 108, 140

 212, 156, 140

 226, 159, 140

Harmonies

Analogous

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



100, 132, 131



100, 131, 140



108, 129, 146

Triad

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



100, 131, 140



144, 119, 132



129, 127, 106

Complementary

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



100, 131, 140



140, 109, 100

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.



140, 123, 106



100, 131, 140



148, 119, 121

Square

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



100, 131, 140



134, 122, 141



146, 120, 112



117, 130, 111

Rectangle

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



100, 131, 140



116, 126, 147



146, 120, 112



133, 126, 105

Sweetspot

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



100, 131, 140



165, 177, 181



100, 140, 109



82, 90, 92



219, 219, 219



92, 92, 92

Same Dimension

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



100, 131, 140



119, 167, 181



100, 111, 140



62, 67, 69



0, 103, 133



0, 4, 5

Inverse Universe

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



140, 100, 131



181, 119, 167



140, 129, 100



69, 62, 67



133, 0, 103



5, 0, 4

Previews

White Background



This preview shows how the RGB color 100, 131, 140 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 100, 131, 140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

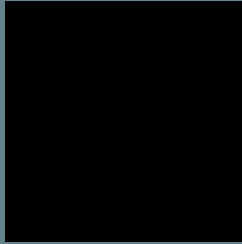
Any Text WCAG AA ✓ Pass

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 100, 131, 140 Background



This preview shows how black text looks on a background with the RGB color 100, 131, 140.



This preview shows how white text looks on a background with the RGB color 100, 131, 140.

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


100, 131, 140

Protanopia

125, 125, 136

Deuteranopia




130, 122, 142






Tritanopia

100, 131, 141

Trichromacy

	Original Color 100, 131, 140
	Protanomaly 116, 127, 137
	Deuteranomaly 119, 125, 141
	Tritanomaly 100, 131, 141

Monochromacy

	Original Color 100, 131, 140
	Achromatopsia 123, 123, 123
	Achromatomaly 115, 126, 129

CSS Examples

Text

The CSS property to change the color of the text to RGB 100, 131, 140 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(100, 131, 140)` looks like.

```
.text, #text, p{  
    color:rgb(100, 131, 140)  
}
```

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(100, 131, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 131, 140) }
```

Border

The CSS property to change the border of an element to RGB 100, 131, 140 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(100, 131, 140) }
```

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

```
.border{ border-color:rgb(100, 131, 140) }
```

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

Here you see how a box with a 4 pixel rgb(100, 131, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 131, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 131, 140);  
box-shadow:4px 4px 4px 4px rgb(100, 131,  
140) }
```

Background

The CSS property to change the background color of an element to RGB 100, 131, 140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 131, 140) }
```

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

```
.background{ background-color: rgb(100,  
131, 140) }
```

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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