

Converting Colors

RGB(55, 80, 121)

Have a look what the booklet for
RGB(55, 80, 121) contains.

RGB(55, 80, 121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(55, 80, 121)

Conversions

Conversions Part 1

Format	Color
Hex	375079
RGB	55, 80, 121
RGB Percent	22%, 31%, 47%
CMY	0.7843, 0.6863, 0.5255
CMYK	0.55, 0.34, 0.00, 0.53
HSL	217°, 37%, 35%
HSV	217°, 55%, 47%
XYZ	7.8954, 7.9300, 19.2037
YIQ	77.1990, -28.0610, 7.4510

Conversions

Conversions Part 2

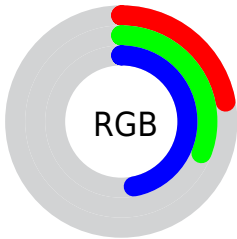
Format	Color
RYB	55, 73, 121
Decimal	3625081
CIELab	33.84, 3.35, -26.23
CIElCh	34, 26.448, 277.277
Yxy	7.9300, 0.2254, 0.2264
Android (android.graphics.Color)	4281815161 (0xFF375079)
YUV	77.1990, 21.5939, -19.4685
Hunter-Lab	28.1603, 0.7661, -20.7201

Details

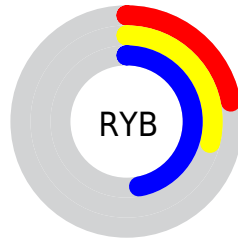
The RGB color **55, 80, 121** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **121, 96, 55**, and the grayscale version is **77, 77, 77**.

A 20% lighter version of the original color is **106, 129, 174**, and **0, 36, 72** is the 20% darker color. If you saturate the color by 10%, you get **43, 72, 121**, and if you desaturate by 10%, it is **67, 88, 121**.

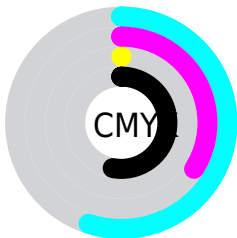
Distribution



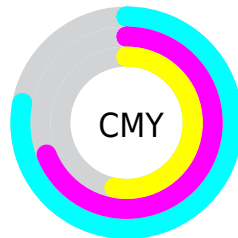
- Red (22%)
- Green (31%)
- Blue (47%)



- Red (22%)
- Yellow (29%)
- Blue (47%)



- Cyan (55%)
- Magenta (34%)
- Yellow (0%)
- Black (53%)



- Cyan (78%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the RGB color 55, 80, 121 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 55, 80, 121 by changing the saturation by 10% instead.



55, 80, 121



55, 80, 121

255, 255, 255



28, 57, 96



106, 129, 174



0, 36, 72



133, 155, 201



0, 14, 49



160, 182, 229



0, 1, 28



188, 209, 255



0, 0, 0



216, 237, 255



245, 255, 255



55, 80, 121



55, 80, 121



43, 72, 121



67, 88, 121

■ 31, 65, 121

■ 79, 95, 121

■ 19, 57, 121

■ 91, 103, 121

■ 7, 50, 121

■ 103, 110, 121

■ 0, 46, 121

■ 115, 118, 121

■ 128, 125, 121

■ 140, 133, 121

■ 152, 140, 121

■ 164, 148, 121

Harmonies

Analogous

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



0, 86, 118



55, 80, 121



88, 72, 113

Triad

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



55, 80, 121



117, 66, 55



37, 89, 63

Complementary

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



55, 80, 121



121, 96, 55

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.



65, 86, 45



55, 80, 121



106, 73, 41

Square

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



55, 80, 121



119, 62, 75



88, 80, 37



0, 90, 84

Rectangle

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



55, 80, 121



104, 67, 103



88, 80, 37



48, 88, 56

Sweetspot

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



55, 80, 121



133, 142, 158



55, 121, 96



64, 70, 79



207, 207, 207



79, 79, 79

Same Dimension

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



55, 80, 121



55, 94, 158



63, 55, 121



55, 57, 61



0, 47, 125



0, 96, 252

Inverse Universe

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



121, 55, 80



158, 55, 94



113, 121, 55



61, 55, 57



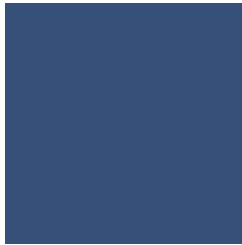
125, 0, 47



252, 0, 96

Previews

White Background



This preview shows how the RGB color 55, 80, 121 looks on a white background.

Color Contrast Check

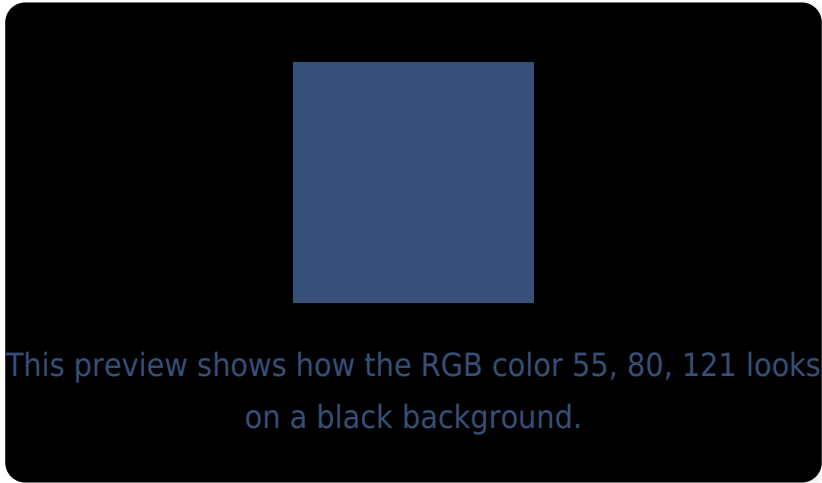
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

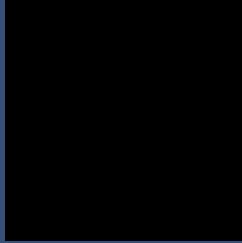
Any Text WCAG AA × Fail

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 55, 80, 121 Background



This preview shows how black text looks on a background with the RGB color 55, 80, 121.

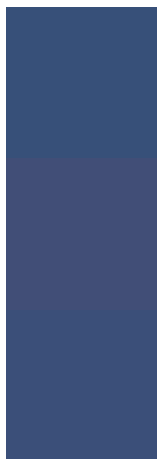


This preview shows how white text looks on a background with the RGB color 55, 80, 121.

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

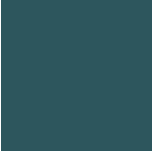
55, 80, 121

Protanopia

65, 78, 119

Deuteranopia

59, 79, 121



Tritanopia

45, 86, 93

Trichromacy



Original Color

55, 80, 121

Protanomaly

61, 79, 120

Deuteranomaly

58, 79, 121

Tritanomaly

49, 84, 103

Monochromacy



Original Color

55, 80, 121

Achromatopsia

77, 77, 77

Achromatomaly

69, 78, 93

CSS Examples

Text

The CSS property to change the color of the text to RGB 55, 80, 121 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(55, 80, 121) looks like.

```
.text, #text, p{  
    color:rgb(55, 80, 121)  
}
```

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(55, 80, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 80, 121) }
```

Border

The CSS property to change the border of an element to RGB 55, 80, 121 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(55, 80, 121) }
```

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

```
.border{ border-color:rgb(55, 80, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 80, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 80, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 80, 121);  
box-shadow:4px 4px 4px 4px rgb(55, 80,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 55, 80, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 80, 121) }
```

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

```
.background{ background-color: rgb(55, 80,  
121) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor