

Converting Colors

HunterLab(51.3188, -15.2793,
-3.4632)

Have a look what the booklet for
HunterLab(51.3188, -15.2793,
-3.4632) contains.

HunterLab(51.3188, -15.2793, -3.4632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(51.3188,
-15.2793, -3.4632)**

Conversions

Conversions Part 1

Format	Color
Hex	619599
RGB	97, 149, 153
RGB Percent	38%, 58%, 60%
CMY	0.6196, 0.4157, 0.4000
CMYK	0.37, 0.03, 0.00, 0.40
HSL	184°, 22%, 49%
HSV	184°, 37%, 60%
XYZ	21.4270, 26.3362, 34.0911
YIQ	133.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

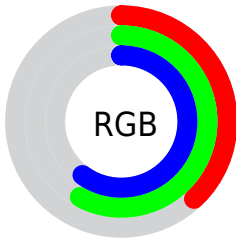
Format	Color
R_{YB}	97, 124, 153
Decimal	6395289
CIE _{Lab}	58.36, -16.19, -7.61
CIE _{LCh}	58, 17.888, 205.173
Yxy	26.3372, 0.2618, 0.3217
Android (android.graphics.Color)	4284585369 (0xFF619599)
YUV	133.9080, 9.4124, -32.3683
Hunter-Lab	51.3188, -15.2793, -3.4632

Details

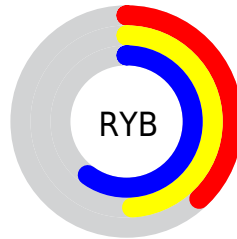
The HunterLab color $51.3188, -15.2793, -3.4632$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $41.1620, 14.4744, 9.3264$, and the grayscale version is $48.7636, -2.6019, 2.6494$.

A 20% lighter version of the original color is $73.2809, -18.1514, -2.9235$, and $32.0554, -12.1469, -3.7105$ is the 20% darker color. If you saturate the color by 10%, you get $50.2316, -17.6179, -4.9282$, and if you desaturate by 10%, it is $52.5430, -12.4823, -1.8492$.

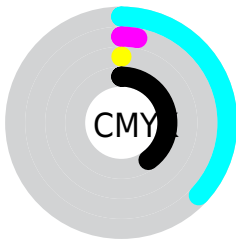
Distribution



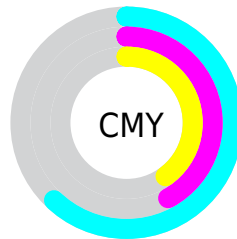
- Red (38%)
- Green (58%)
- Blue (60%)



- Red (38%)
- Yellow (49%)
- Blue (60%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (40%)



- Cyan (62%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3188, -15.2793, -3.4632 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 HunterLab color 51.3188, -15.2793, -3.4632 by changing the saturation by 10% instead.

■ 51.3188, -15.2793,
-3.4632

■ 51.3188, -15.2793,
-3.4632

168.6516,
-28.1791, 0.1725

■ 41.3232, -13.7795,
-3.6235

■ 73.3611, -18.1974,
-2.9674

■ 32.0761, -12.2326,
-3.7181

■ 85.3273, -19.6323,
-2.6434

■ 23.6449, -10.6148,
-3.7373

■ 97.8814, -21.0589,
-2.2734

■ 16.1181, -8.8846,
-3.6694

■ 110.9972,
-22.4812, -1.8606

■ 9.6209, -7.8564,
-3.5010

124.6515,
-23.9023, -1.4076

0.0000, NaN, -NF

0.0000, NaN, NaN

138.8239,

-25.3244, -0.9164

0.0000, NaN, NaN

153.4961,
-26.7495, -0.3892

0.0000, NaN, NaN

■ 51.3188, -15.2793,
-3.4632

■ 51.3188, -15.2793,
-3.4632

■ 50.2316, -17.6179,
-4.9282

■ 52.5430, -12.4823,
-1.8492

■ 49.2778, -19.4796,
-6.2370

■ 53.9000, -9.2504,
-0.1003

■ 48.4558, -20.8589,
-7.3829

■ 55.3881, -5.6152,
1.7710

■ 47.7601, -21.7633,
-8.3645

■ 57.0037, -1.6109,
3.7510

■ 47.1822, -22.2173,
-9.1868

■ 58.7423, 2.7268,
5.8261

■ 46.7045, -22.2841,
-9.8696

■ 60.5989, 7.3624,
7.9831

■ 46.5497, -22.2776,
-10.0921

■ 62.5680, 12.2615,
10.2102

■ 64.6441, 17.3921,
12.4965

■ 66.8215, 22.7249,
14.8323

Harmonies

Analogous

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



51.3198, -16.4750, 3.9468



51.3188, -15.2793, -3.4632



51.3198, -10.8043, -9.9443

Triad

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



51.3198, -15.2798, -3.4624



51.3198, 9.7829, -5.7745



51.3198, -1.5085, 14.7802

Complementary

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



51.3188, -15.2793, -3.4632



41.1620, 14.4744, 9.3264

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.



51.3198, 5.8530, 12.9235



51.3188, -15.2793, -3.4632



51.3198, 12.6087, 1.6127

Square

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



51.3198, -15.2798, -3.4624



51.3198, 3.6084, -11.4093



51.3198, 11.1306, 8.3492



51.3198, -8.7960, 13.8263

Rectangle

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



51.3188, -15.2793, -3.4632



51.3198, -6.4187, -12.5026



51.3198, 11.1306, 8.3492



51.3198, 1.0432, 14.4729

Sweetspot

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



51.3198, -15.2798, -3.4624



73.1810, -9.8249, 1.1946



51.2433, -24.6847, 16.9769



34.2740, -4.8951, 0.4179



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



51.3198, -15.2798, -3.4624



67.4606, -23.0805, -6.2703



43.1064, -2.7632, -14.9386



26.3648, -3.1679, 0.6083



42.3426, -20.2824, -9.1406



5.3618, -2.7057, -0.8611

Inverse Universe

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



41.8238, 24.2748, -14.1132



52.3603, 40.7773, -23.9205



48.2352, 1.1107, 15.8398



25.1317, 1.7756, -0.5938



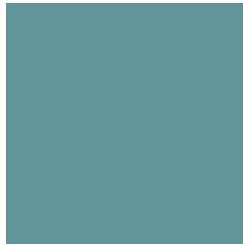
26.8612, 52.0242, -29.3366



3.3141, 6.4646, -3.9758

Previews

White Background



This preview shows how the HunterLab color 51.3188, -15.2793, -3.4632 looks on a white background.

Color Contrast Check

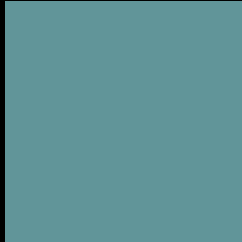
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.3188, -15.2793, -3.4632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

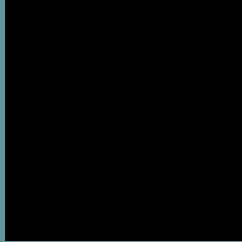
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 51.3188, -15.2793, -3.4632 Background



This preview shows how black text looks on a background with the HunterLab color 51.3188, -15.2793, -3.4632.



This preview shows how white text looks on a background with the HunterLab color 51.3188, -15.2793, -3.4632.

-15.2793, -3.4632.

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

51.3188, -15.2793, -3.4632

Protanopia

51.1344, -1.1180, -0.5172

Deuteranopia

51.1073, 3.6725, -4.9319



Tritanopia

51.3522, -13.1142, -6.9851

Trichromacy



Original Color

51.3188, -15.2793, -3.4632

Protanomaly

51.0881, -7.0883, -1.6425

Deuteranomaly

50.9956, -4.0332, -4.7015

Tritanomaly

51.1965, -13.8910, -5.6372

Monochromacy



Original Color

51.3188, -15.2793, -3.4632

Achromatopsia

48.8260, -2.6052, 2.6528

Achromatomaly

49.4503, -7.3937, 0.1280

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3188, -15.2793, -3.4632 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(97, 149, 153)` looks like.

```
.text, #text, p{  
    color:rgb(97, 149, 153)  
}
```

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(97, 149, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 149, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3188, -15.2793, -3.4632 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(97, 149, 153) }
```


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

```
.border{ border-color:rgb(97, 149, 153) }
```

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

Here you see how a box with a 4 pixel rgb(97, 149, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 149, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 149, 153);  
box-shadow:4px 4px 4px 4px rgb(97, 149,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3188, -15.2793, -3.4632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 149, 153) }
```

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

```
.background{ background-color: rgb(97, 149,  
153) }
```

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