

Converting Colors

HunterLab(51.6783, -5.1838,
-22.8315)

Have a look what the booklet for
HunterLab(51.6783, -5.1838,
-22.8315) contains.

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Color

**HunterLab(51.6783, -5.1838,
-22.8315)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 6691BC |
| RGB | 102, 145, 188 |
| RGB Percent | 40%, 57%, 74% |
| CMY | 0.6000, 0.4314, 0.2627 |
| CMYK | 0.46, 0.23, 0.00, 0.26 |
| HSL | 210°, 39%, 57% |
| HSV | 210°, 46%, 74% |
| XYZ | 24.6820, 26.7065, 51.4310 |
| YIQ | 137.0450, -39.4310, 4.2570 |

Conversions

Conversions Part 2

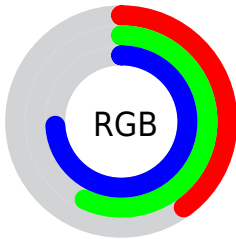
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 102, 131, 188 |
| Decimal | 6721980 |
| CIE _{Lab} | 58.70, -2.99, -26.96 |
| CIE _{LCh} | 59, 27.127, 263.662 |
| Yxy | 26.7075, 0.2401, 0.2597 |
| Android (android.graphics.Color) | 4284912060 (0xFF6691BC) |
| YUV | 137.0450, 25.1208, -30.7345 |
| Hunter-Lab | 51.6783, -5.1838, -22.8315 |

Details

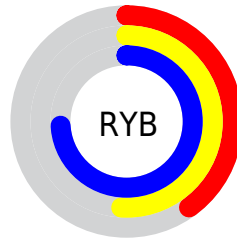
The HunterLab color $51.6783, -5.1838, -22.8315$ is a dark color, and the websafe version is hex $6699CC$. A complement of this color would be $56.4822, 6.2784, 21.7177$, and the grayscale version is $49.9494, -2.6652, 2.7138$.

A 20% lighter version of the original color is $73.8557, -6.8153, -23.3183$, and $32.4623, -3.8146, -21.9284$ is the 20% darker color. If you saturate the color by 10%, you get $47.9330, -4.1501, -29.3869$, and if you desaturate by 10%, it is $55.6112, -5.6573, -16.5567$.

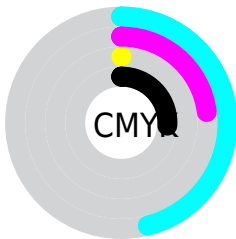
Distribution



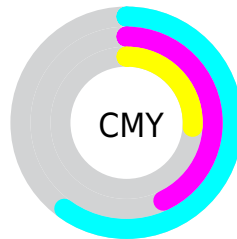
- Red (40%)
- Green (57%)
- Blue (74%)



- Red (40%)
- Yellow (51%)
- Blue (74%)



- Cyan (46%)
- Magenta (23%)
- Yellow (0%)
- Black (26%)



- Cyan (60%)
- Magenta (43%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.6783, -5.1838, -22.8315 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 51.6783, -5.1838, -22.8315 by changing the saturation by 10% instead.

■ 51.6783, -5.1838,
-22.8315

■ 51.6783, -5.1838,
-22.8315

169.1857,
-12.6537, -24.9480

■ 41.6577, -4.4774,
-22.3236

■ 73.7659, -6.6743,
-23.6846

■ 32.3836, -3.7966,
-21.7798

■ 85.7529, -7.4573,
-24.0257

■ 23.9228, -3.1410,
-21.2361

■ 98.3270, -8.2649,
-24.3100

■ 16.3627, -2.5082,
-20.7909

■ 111.4618, -9.0965,
-24.5392

■ 9.8271, -1.8925,
-20.7496

125.1344, -9.9518,
-24.7155

0.0000, NaN, -NF

139.3245,

0.0000, NaN, -NF

-10.8300, -24.8410

0.0000, NaN, NaN

154.0137,
-11.7308, -24.9178

0.0000, NaN, NaN

■ 51.6783, -5.1838,
-22.8315

■ 51.6783, -5.1838,
-22.8315

■ 47.9330, -4.1501,
-29.3869

■ 55.6112, -5.6573,
-16.5567

■ 44.3937, -2.4804,
-36.2304

■ 59.7096, -5.6419,
-10.5493

■ 41.0843, -0.1032,
-43.3466

■ 63.9578, -5.2023,
-4.7858

■ 38.0273, 3.0351,
-50.6949

■ 68.3413, -4.3948,
0.7584

■ 35.2397, 6.9418,
-58.2121

■ 72.8476, -3.2678,
6.1082

■ 34.1122, 8.7477,
-61.5210

■ 77.4659, -1.8623,
11.2872

■ 82.1870, -0.2130,
16.3169

■ 87.0028, 1.6508,
21.2168

■ 90.1464, -2.3101,
24.2152

Harmonies

Analogous

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



51.6793, -15.2467, -17.2119



51.6783, -5.1838, -22.8315



51.6793, 6.4376, -20.4595

Triad

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



51.6793, -5.1840, -22.8305



51.6793, 19.1435, 10.5784



51.6793, -19.4270, 13.8102

Complementary

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



51.6783, -5.1838, -22.8315



56.4822, 6.2784, 21.7177

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.



51.6793, -11.3567, 18.6360



51.6783, -5.1838, -22.8315



51.6793, 11.0373, 17.0760

Square

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



51.6793, -5.1840, -22.8305



51.6793, 21.1603, 0.4313



51.6793, -0.2910, 19.6848



51.6793, -22.9923, 5.0866

Rectangle

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



51.6783, -5.1838, -22.8315



51.6793, 13.4464, -14.8788



51.6793, -0.2910, 19.6848



51.6793, -17.1871, 15.8576

Sweetspot

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



51.6793, -5.1840, -22.8305



86.9838, -6.8690, -5.2949



63.8689, -32.2182, 14.4577



39.7537, -3.2728, -3.2163



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



51.6793, -5.1840, -22.8305



64.4515, -5.5585, -39.7035



40.3033, 15.6159, -44.8830



31.6105, -2.2382, -0.5782



28.4100, 6.7024, -49.9786



6.6859, -0.5627, -7.1420

Inverse Universe

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



47.1587, 33.3040, -4.0385



58.1003, 55.5125, -5.9302



68.5627, -13.7206, 31.1366



31.0061, 1.7181, 0.7959



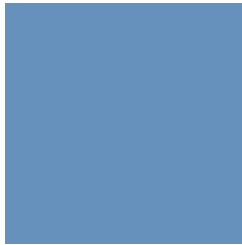
28.0080, 49.9827, 2.4542



5.6611, 10.3193, -1.1825

Previews

White Background



This preview shows how the HunterLab color 51.6783, -5.1838, -22.8315 looks on a white background.

Color Contrast Check

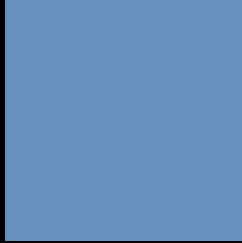
Large Text (above 18pt) WCAG AA ✓ Pass

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 51.6783, -5.1838, -22.8315 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 51.6783, -5.1838, -22.8315 Background



This preview shows how black text looks on a background with the HunterLab color 51.6783, -5.1838, -22.8315.



This preview shows how white text looks on a background with the HunterLab color 51.6783, -5.1838, -22.8315.

-22.8315.

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

51.6783, -5.1838, -22.8315

Protanopia

51.5685, 2.9975, -20.3087

Deuteranopia

51.6250, 3.6012, -23.4182



Tritanopia

51.7697, -14.5900, -7.5031

Trichromacy



Original Color

51.6783, -5.1838, -22.8315

Protanomaly

51.4534, -0.2282, -21.1883

Deuteranomaly

51.5514, 0.4399, -23.5979

Tritanomaly

51.6347, -11.2986, -12.6209

Monochromacy



Original Color

51.6783, -5.1838, -22.8315

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

50.4396, -4.4296, -5.9682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.6783, -5.1838, -22.8315 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(102, 145, 188)` looks like.

```
.text, #text, p{  
    color:rgb(102, 145, 188)  
}
```

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(102, 145, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 145, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 51.6783, -5.1838, -22.8315 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(102, 145, 188) }
```


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

```
.border{ border-color:rgb(102, 145, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 145, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 145, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 145, 188);  
box-shadow:4px 4px 4px 4px rgb(102, 145,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.6783, -5.1838, -22.8315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 145, 188) }
```

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

```
.background{ background-color: rgb(102,  
145, 188) }
```

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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