

Converting Colors

HunterLab(13.0693, 62.7113,
-209.4700)

Have a look what the booklet for
HunterLab(13.0693, 62.7113,
-209.4700) contains.

HunterLab(19.1680, 51.9932, -136.1967)	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(19.1680, 51.9932,
-136.1967)**

Conversions

Conversions Part 1

Format	Color
Hex	0000BD
RGB	0, 0, 189
RGB Percent	0%, 0%, 74%
CMY	0.9998, 1.0000, 0.2588
CMYK	1.00, 1.00, 0.00, 0.26
HSL	240°, 100%, 37%
HSV	240°, 100%, 74%
XYZ	9.1853, 3.6741, 48.3691
YIQ	21.5460, -60.6690, 58.7790

Conversions

Conversions Part 2

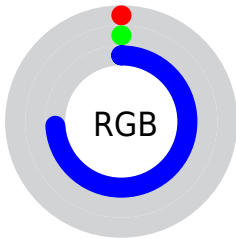
Format	Color
R_{YB}	0, 0, 189
Decimal	189
CIE _{Lab}	22.56, 63.23, -86.11
CIE _{LCh}	23, 106.834, 306.288
Yxy	3.6744, 0.1500, 0.0600
Android (android.graphics.Color)	4278190269 (0xFF0000BD)
YUV	21.5460, 82.5548, -18.8958
Hunter-Lab	19.1680, 51.9932, -136.1967

Details

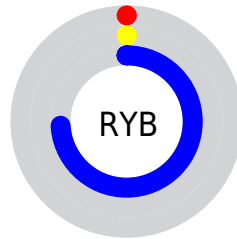
The HunterLab color **19.1680, 51.9932, -136.1967** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **68.7089, -18.4691, 42.0148**, and the grayscale version is **8.6009, -0.4589, 0.4673**.

A 20% lighter version of the original color is **35.8855, 56.2655, -122.2891**, and **13.1196, 35.5868, -93.2201** is the 20% darker color. If you saturate the color by 10%, you get **19.1687, 51.9938, -136.1914**, and if you desaturate by 10%, it is **20.6744, 47.4287, -124.4984**.

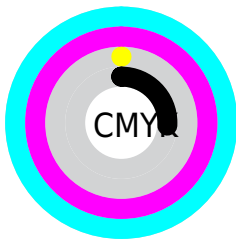
Distribution



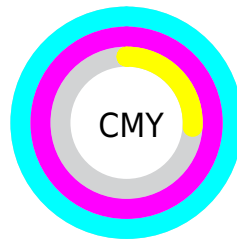
- Red (0%)
- Green (0%)
- Blue (74%)



- Red (0%)
- Yellow (0%)
- Blue (74%)



- Cyan (100%)
- Magenta (100%)
- Yellow (0%)
- Black (26%)



- Cyan (100%)
- Magenta (100%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1680, 51.9932, -136.1967 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 19.1680, 51.9932, -136.1967 by changing the saturation by 10% instead.

■ 19.1680, 51.9932,
-136.1967

■ 19.1680, 51.9932,
-136.1967

■ 116.6793, 69.5535,
-119.9589

■ 12.2194, 50.4967,
-155.2413

■ 35.8726, 56.2286,
-122.1948

■ 5.3281, 65.5534,
-245.8805

■ 45.4423, 58.3985,
-119.6780

0.0000, INF, -NF

■ 55.7380, 60.4982,
-118.4657

0.0000, NaN, -NF

■ 66.7116, 62.5059,
-118.0475

0.0000, NaN, -NF

■ 78.3237, 64.4145,
-118.1335

0.0000, NaN, -NF


■ 90.5407, 66.2234,


0.0000, NaN, NaN


-118.5486

0.0000, NaN, NaN


 103.3343, 67.9351,
-119.1815


 19.1680, 51.9932,
-136.1967


 19.1680, 51.9932,
-136.1967


 19.1687, 51.9938,
-136.1914

 20.6744, 47.4287,
-124.4984

 23.3591, 40.6203,
-107.0947

 27.2630, 32.8583,
-87.3270

 32.1080, 25.4948,
-68.6713

 37.6511, 18.9833,
-52.2811

■ 43.7175, 13.3164,
-38.1219

■ 50.1886, 8.3470,
-25.8029

■ 56.9834, 3.9186,
-14.9116

■ 64.0460, -0.0992,
-5.1061

Harmonies

Analogous

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



19.1687, 6.3385, -203.3509



19.1680, 51.9932, -136.1967



19.1687, 96.7972, -41.7820

Triad

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



19.1687, 51.9938, -136.1914



19.1687, 31.2714, 13.4181



19.1687, -33.5452, -6.7066

Complementary

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



19.1680, 51.9932, -136.1967



68.7089, -18.4691, 42.0148

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.



19.1687, -33.5452, 13.4181



19.1680, 51.9932, -136.1967



19.1687, -7.4193, 13.4181

Square

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



19.1687, 51.9938, -136.1914



19.1687, 80.2257, 13.4181



19.1687, -25.8091, 13.4181



19.1687, -31.0114, -78.4724

Rectangle

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



19.1680, 51.9932, -136.1967



19.1687, 110.2608, -3.2343



19.1687, -25.8091, 13.4181



19.1687, -33.5452, 4.5176

Sweetspot

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



19.1687, 51.9938, -136.1914



66.7402, 11.4718, -35.2750



63.3004, -33.5588, -6.6761



29.2336, 6.5809, -19.4782



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.



19.1687, 51.9938, -136.1914



25.6529, 69.5821, -182.2645



24.6584, 57.1279, -99.5664



30.3735, -0.1638, -2.1194



15.7235, 42.6486, -111.7116



3.1125, 8.4412, -22.1051

Inverse Universe

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



38.0674, 74.8386, -50.1830



50.9449, 100.1549, -67.1583



62.2909, -43.4867, 37.6220



31.1388, 2.4292, -1.0894



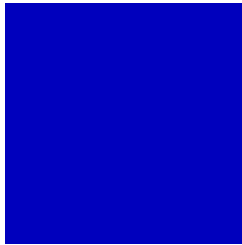
31.2253, 61.3873, -41.1635



6.1801, 12.1498, -8.1481

Previews

White Background



This preview shows how the HunterLab color 19.1680, 51.9932, -136.1967 looks on a white background.

Color Contrast Check

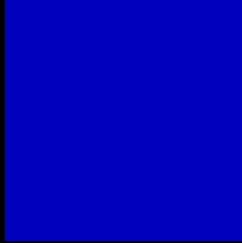
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 19.1680, 51.9932, -136.1967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

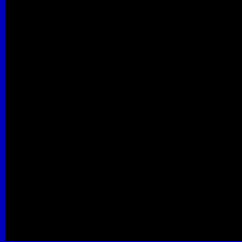
Any Text WCAG AA × Fail

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](#).

HunterLab 19.1680, 51.9932, -136.1967 Background



This preview shows how black text looks on a background with the HunterLab color 19.1680, 51.9932, -136.1967.



This preview shows how white text looks on a background with the HunterLab color 19.1680, 51.9932, -136.1967.

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

19.1680, 51.9932, -136.1967

Protanopia

19.9833, 5.3911, -36.6153

Deuteranopia

20.0244, -1.4492, -21.9003



Tritanopia

20.1498, -10.3094, -2.9305

Trichromacy



Original Color

19.1680, 51.9932, -136.1967

Protanomaly

17.8472, 24.3656, -74.9058

Deuteranomaly

17.3923, 18.7225, -62.1553

Tritanomaly

16.5335, 10.6042, -43.5568

Monochromacy



Original Color

19.1680, 51.9932, -136.1967

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

10.1586, 15.5987, -41.2304

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1680, 51.9932, -136.1967 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(0, 0, 189)` looks like.

```
.text, #text, p{  
    color:rgb(0, 0, 189)  
}
```

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(0, 0, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 0, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1680, 51.9932, -136.1967 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(0, 0, 189) }
```


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

```
.border{ border-color:rgb(0, 0, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 0, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 0, 189); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 0, 189); box-shadow:4px  
4px 4px 4px rgb(0, 0, 189) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1680, 51.9932, -136.1967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 0, 189) }
```

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

```
.background{ background-color: rgb(0, 0,  
189) }
```

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