

Converting Colors

HunterLab(19.5753, 51.1161,
-123.7268)

Have a look what the booklet for
HunterLab(19.5753, 51.1161,
-123.7268) contains.

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Color

**HunterLab(19.6316, 51.2474,
-123.9608)**

Conversions

Conversions Part 1

Format	Color
Hex	2500B8
RGB	37, 0, 184
RGB Percent	15%, 0%, 72%
CMY	0.8549, 1.0000, 0.2784
CMYK	0.80, 1.00, 0.00, 0.28
HSL	252°, 100%, 36%
HSV	252°, 100%, 72%
XYZ	9.4147, 3.8540, 45.5950
YIQ	32.0390, -37.0120, 65.0680

Conversions

Conversions Part 2

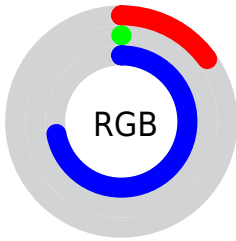
Format	Color
R_{YB}	37, 0, 184
Decimal	2425016
CIE _{Lab}	23.18, 62.45, -82.07
CIE _{LCh}	23, 103.132, 307.270
Yxy	3.8542, 0.1599, 0.0655
Android (android.graphics.Color)	4280615096 (0xFF2500B8)
YUV	32.0390, 74.9168, 4.3508
Hunter-Lab	19.6316, 51.2474, -123.9608

Details

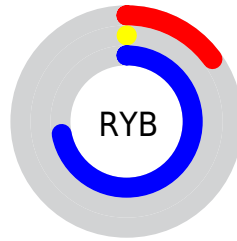
The HunterLab color **19.6316, 51.2474, -123.9608** is a dark color, and the websafe version is hex **3300CC**. A complement of this color would be **63.6262, -29.5084, 38.6896**, and the grayscale version is **11.8129, -0.6303, 0.6418**.

A 20% lighter version of the original color is **36.4703, 55.7557, -113.1177**, and **12.5896, 34.1493, -89.4544** is the 20% darker color. If you saturate the color by 10%, you get **19.6322, 51.2479, -123.9564**, and if you desaturate by 10%, it is **21.5147, 47.6053, -110.8775**.

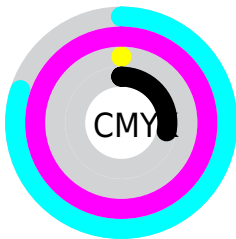
Distribution



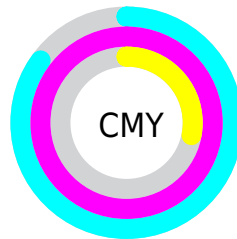
- Red (15%)
- Green (0%)
- Blue (72%)



- Red (15%)
- Yellow (0%)
- Blue (72%)



- Cyan (80%)
- Magenta (100%)
- Yellow (0%)
- Black (28%)



- Cyan (85%)
- Magenta (100%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6316, 51.2474, -123.9608 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 19.6316, 51.2474, -123.9608 by changing the saturation by 10% instead.

■ 19.6316, 51.2474,
-123.9608

■ 19.6316, 51.2474,
-123.9608

■ 117.5234, 68.6192,
-112.1707

■ 12.6189, 49.6656,
-139.5463

■ 36.4431, 55.4885,
-112.6816

■ 5.9367, 59.5135,
-203.3627

■ 46.0594, 57.6374,
-110.7828

0.0000, INF, -NF

■ 56.3983, 59.7110,
-109.9741

0.0000, NaN, -NF

■ 67.4125, 61.6902,
-109.8264

0.0000, NaN, -NF

■ 79.0629, 63.5692,
-110.0954

0.0000, NaN, -NF


■ 91.3165, 65.3483,


0.0000, NaN, NaN


-110.6331


0.0000, NaN, NaN


 104.1449, 67.0302,
-111.3455


 19.6316, 51.2474,
-123.9608


 19.6316, 51.2474,
-123.9608


 19.6322, 51.2479,
-123.9564

 21.5147, 47.6053,
-110.8775

 24.3803, 42.1293,
-94.5193

 28.2246, 35.5429,
-77.2452

 32.8350, 28.8533,
-61.1457

 38.0297, 22.4993,
-46.8712

■ 43.6744, 16.5847,
-34.3590

■ 49.6747, 11.0779,
-23.3220

■ 55.9640, 5.9084,
-13.4543

■ 62.4951, 1.0047,
-4.4950

Harmonies

Analogous

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



19.6322, 7.2845, -187.7033



19.6316, 51.2474, -123.9608



19.6322, 92.8741, -37.1882

Triad

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



19.6322, 51.2479, -123.9564



19.6322, 28.5274, 13.7426



19.6322, -34.3564, -7.7865

Complementary

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



19.6316, 51.2474, -123.9608



63.6262, -29.5084, 38.6896

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.



19.6322, -33.2894, 13.7167



19.6316, 51.2474, -123.9608



19.6322, -8.1885, 13.7426

Square

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



19.6322, 51.2479, -123.9564



19.6322, 74.9240, 13.7426



19.6322, -26.0190, 13.7426



19.6322, -30.3927, -76.5861

Rectangle

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



19.6316, 51.2474, -123.9608



19.6322, 104.6290, -1.9019



19.6322, -26.0190, 13.7426



19.6322, -34.3564, 3.6371

Sweetspot

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



19.6322, 51.2479, -123.9564



66.4661, 15.2757, -32.1058



49.3867, -17.3328, -24.3125



29.2714, 8.5090, -17.7098



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



19.6322, 51.2479, -123.9564



26.2814, 68.8773, -168.0507



28.4819, 60.9263, -75.7816



29.6718, 0.3238, -1.8514



16.3735, 42.6064, -102.3353



3.4712, 8.3667, -16.5332

Inverse Universe

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



35.0664, 66.0585, -23.8992



47.1759, 88.8087, -31.6736



59.2444, -47.2540, 35.6788



30.2174, 2.0647, -0.3028



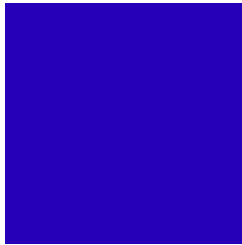
29.1289, 54.9025, -20.0788



5.5416, 10.5641, -4.7438

Previews

White Background



This preview shows how the HunterLab color 19.6316, 51.2474, -123.9608 looks on a white background.

Color Contrast Check

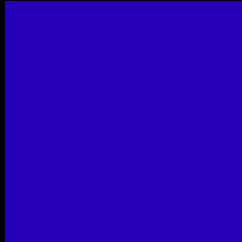
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6316, 51.2474, -123.9608 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 19.6316, 51.2474, -123.9608 Background



This preview shows how black text looks on a background with the HunterLab color 19.6316, 51.2474, -123.9608.



This preview shows how white text looks on a background with the HunterLab color 19.6316, 51.2474, -123.9608.

-123.9608.

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

19.6316, 51.2474, -123.9608

Protanopia

20.2798, 5.2195, -36.6154

Deuteranopia

20.3287, -1.6117, -21.9300



Tritanopia

20.1793, -10.1343, -3.3452

Trichromacy



Original Color

19.6316, 51.2474, -123.9608

Protanomaly

18.0843, 23.6723, -71.0591

Deuteranomaly

17.5599, 18.9614, -60.1552

Tritanomaly

16.7249, 11.0036, -41.7970

Monochromacy



Original Color

19.6316, 51.2474, -123.9608

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.3633, 16.3379, -35.3372

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6316, 51.2474, -123.9608 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(37, 0, 184)` looks like.

```
.text, #text, p{  
    color:rgb(37, 0, 184)  
}
```

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(37, 0, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 0, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6316, 51.2474, -123.9608 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(37, 0, 184) }
```


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

```
.border{ border-color:rgb(37, 0, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 0, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 0, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 0, 184);  
box-shadow:4px 4px 4px 4px rgb(37, 0, 184)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6316, 51.2474, -123.9608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 0, 184) }
```

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

```
.background{ background-color: rgb(37, 0,  
184) }
```

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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