

Converting Colors

HunterLab(19.8144, 23.9803,
-62.7775)

Have a look what the booklet for
HunterLab(19.8144, 23.9803,
-62.7775) contains.

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Color

**HunterLab(19.8316, 23.9922,
-62.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	2A288D
RGB	42, 40, 141
RGB Percent	16%, 16%, 55%
CMY	0.8353, 0.8431, 0.4471
CMYK	0.70, 0.72, 0.00, 0.45
HSL	241°, 56%, 35%
HSV	241°, 72%, 55%
XYZ	6.5214, 3.9329, 25.6147
YIQ	52.1120, -31.2290, 31.8350

Conversions

Conversions Part 2

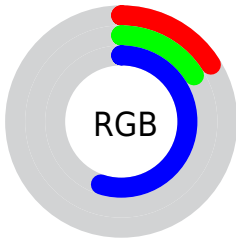
Format	Color
R_{YB}	42, 40, 141
Decimal	2762893
CIE _{Lab}	23.45, 34.66, -55.45
CIE _{LCh}	23, 65.390, 302.007
Yxy	3.9330, 0.1808, 0.1090
Android (android.graphics.Color)	4280952973 (0xFF2A288D)
YUV	52.1120, 43.8218, -8.8682
Hunter-Lab	19.8316, 23.9922, -62.6976

Details

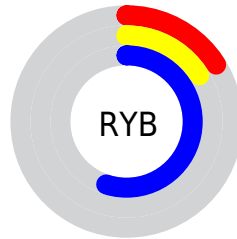
The HunterLab color **19.8316, 23.9922, -62.6976** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **49.6905, -13.1226, 27.9941**, and the grayscale version is **18.4339, -0.9836, 1.0015**.

A 20% lighter version of the original color is **36.6959, 27.0905, -61.2938**, and **8.5918, 23.3052, -61.0482** is the 20% darker color. If you saturate the color by 10%, you get **17.0498, 29.4081, -76.6094**, and if you desaturate by 10%, it is **23.2517, 18.8259, -49.5993**.

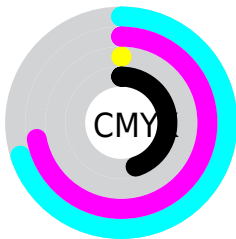
Distribution



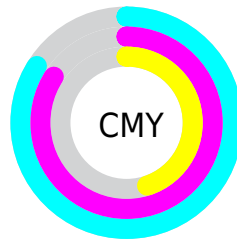
- Red (16%)
- Green (16%)
- Blue (55%)



- Red (16%)
- Yellow (16%)
- Blue (55%)



- Cyan (70%)
- Magenta (72%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8316, 23.9922, -62.6976 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 19.8316, 23.9922, -62.6976 by changing the saturation by 10% instead.

■ 19.8316, 23.9922,
-62.6976

■ 19.8316, 23.9922,
-62.6976

■ 117.8853, 33.3361,
-65.5636

■ 12.7912, 22.3884,
-66.6582

■ 36.6882, 26.8673,
-60.9860

■ 6.1789, 25.7283,
-87.6845

■ 46.3243, 28.1068,
-61.2336

0.0000, INF, -NF

■ 56.6818, 29.2250,
-61.7662

0.0000, NaN, -NF

■ 67.7133, 30.2325,
-62.4487

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 79.3801, 31.1393,
-63.2060

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.6493, 31.9540,

-63.9938

0.0000, NaN, NaN

104.4925, 32.6841,
-64.7852

19.8316, 23.9922,
-62.6976

19.8316, 23.9922,
-62.6976

17.0498, 29.4081,
-76.6094

23.2517, 18.8259,
-49.5993

15.0915, 34.1918,
-89.1036

27.1486, 14.2106,
-38.0556

13.9326, 37.6625,
-97.9912

31.4057, 10.1532,
-28.0435

35.9430, 6.5639,
-19.3050

40.7055, 3.3417,
-11.5634

■ 45.6547, 0.4009,
-4.5864

■ 50.7627, -2.3255,
1.8065

■ 56.0090, -4.8883,
7.7513

■ 61.3779, -7.3257,
13.3502

Harmonies

Analogous

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



19.8318, 0.3188, -82.6360



19.8316, 23.9922, -62.6976



19.8318, 46.1730, -25.2489

Triad

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



19.8318, 23.9934, -62.6970



19.8318, 20.6463, 13.8823



19.8318, -26.8534, -0.2579

Complementary

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



19.8316, 23.9922, -62.6976



49.6905, -13.1226, 27.9941

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.



19.8318, -25.0135, 11.8469



19.8316, 23.9922, -62.6976



19.8318, -2.4006, 13.8823

Square

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



19.8318, 23.9934, -62.6970



19.8318, 43.7577, 12.6761



19.8318, -17.7247, 13.8823



19.8318, -24.4083, -30.1592

Rectangle

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



19.8316, 23.9922, -62.6976



19.8318, 53.8780, -4.7719



19.8318, -17.7247, 13.8823



19.8318, -26.7187, 5.5581

Sweetspot

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



19.8318, 23.9934, -62.6970



54.5910, 4.3974, -15.2966



45.7508, -21.6911, -4.8451



25.0668, 2.5472, -8.3500



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



19.8318, 23.9934, -62.6970



21.0442, 43.5404, -113.4137



23.9278, 32.7144, -47.1241



22.9342, -0.1382, -1.4561



13.3072, 35.9657, -93.5441



1.3321, 3.5398, -8.8945

Inverse Universe

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



30.0735, 44.7308, -28.8368



37.6576, 68.3372, -43.9735



46.1712, -26.6358, 25.4064



23.4717, 1.6770, -0.6756



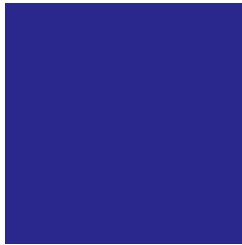
26.1573, 51.2126, -32.8449



2.5651, 5.0334, -3.3081

Previews

White Background



This preview shows how the HunterLab color 19.8316, 23.9922, -62.6976 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 19.8316, 23.9922, -62.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

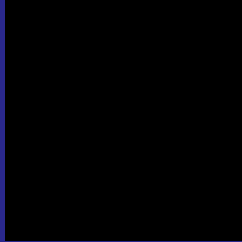
Any Text WCAG AA × Fail

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 19.8316, 23.9922, -62.6976 Background



This preview shows how black text looks on a background with the HunterLab color 19.8316, 23.9922, -62.6976.



This preview shows how white text looks on a background with the HunterLab color 19.8316, 23.9922, -62.6976.

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

19.8316, 23.9922, -62.6976

Protanopia

19.6297, 5.2627, -35.8961

Deuteranopia

19.7685, -1.0264, -22.4934



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.8316, 23.9922, -62.6976

Protanomaly

19.3737, 11.5499, -46.2165

Deuteranomaly

19.1941, 7.4976, -37.2167

Tritanomaly

18.7888, 0.2942, -21.0964

Monochromacy



Original Color

19.8316, 23.9922, -62.6976

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.3912, 5.4357, -15.6120

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8316, 23.9922, -62.6976 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(42, 40, 141)` looks like.

```
.text, #text, p{  
    color:rgb(42, 40, 141)  
}
```

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(42, 40, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 40, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8316, 23.9922, -62.6976 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(42, 40, 141) }
```


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

```
.border{ border-color:rgb(42, 40, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 40, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 40, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 40, 141);  
box-shadow:4px 4px 4px 4px rgb(42, 40,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.8316, 23.9922, -62.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 40, 141) }
```

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

```
.background{ background-color: rgb(42, 40,  
141) }
```

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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