

Converting Colors

HunterLab(19.7661, 18.3241,
-64.2621)

Have a look what the booklet for
HunterLab(19.7661, 18.3241,
-64.2621) contains.

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Color

**HunterLab(19.7661, 18.3241,
-64.2623)**

Conversions

Conversions Part 1

Format	Color
Hex	002E8E
RGB	0, 46, 142
RGB Percent	0%, 18%, 56%
CMY	0.9999, 0.8196, 0.4431
CMYK	1.00, 0.68, 0.00, 0.44
HSL	221°, 100%, 28%
HSV	221°, 100%, 56%
XYZ	5.8595, 3.9070, 26.0365
YIQ	43.1900, -58.2320, 20.1040

Conversions

Conversions Part 2

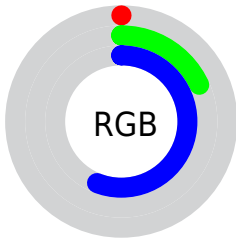
Format	Color
RYB	0, 35, 142
Decimal	11918
CIELab	23.36, 27.86, -56.27
CIELCh	23, 62.792, 296.339
Yxy	3.9071, 0.1637, 0.1091
Android (android.graphics.Color)	4278201998 (0xFF002E8E)
YUV	43.1900, 48.7133, -37.8776
Hunter-Lab	19.7661, 18.3241, -64.2623

Details

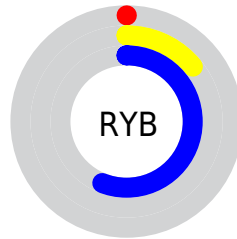
The HunterLab color **19.7661, 18.3241, -64.2623** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **37.5775, 7.1092, 23.2786**, and the grayscale version is **15.4662, -0.8252, 0.8403**.

A 20% lighter version of the original color is **36.5409, 20.9849, -62.8255**, and **9.0579, 22.0028, -58.8193** is the 20% darker color. If you saturate the color by 10%, you get **19.7631, 18.3321, -64.2760**, and if you desaturate by 10%, it is **21.9953, 13.9494, -55.1858**.

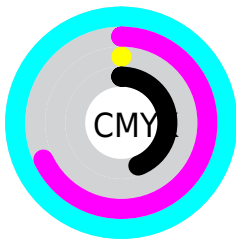
Distribution



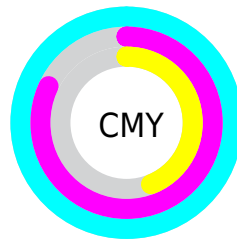
- Red (0%)
- Green (18%)
- Blue (56%)



- Red (0%)
- Yellow (14%)
- Blue (56%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.7661, 18.3241, -64.2623 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 19.7661, 18.3241, -64.2623 by changing the saturation by 10% instead.

■ 19.7661, 18.3241,
-64.2623

■ 19.7661, 18.3241,
-64.2623

■ 117.7665, 25.1800,
-66.8742

■ 12.7346, 16.9593,
-68.4888

■ 36.6078, 20.6214,
-62.3495

■ 6.1006, 20.0118,
-91.0553

■ 46.2374, 21.5673,
-62.5578

0.0000, NaN, -NF

■ 56.5887, 22.3973,
-63.0694

0.0000, NaN, -NF

■ 67.6146, 23.1239,
-63.7424

0.0000, NaN, -NF

■ 79.2760, 23.7575,
-64.4976

0.0000, NaN, NaN

■ 91.5401, 24.3067,

0.0000, NaN, NaN

0.0000, NaN, NaN

-65.2885

0.0000, NaN, NaN

104.3784, 24.7788,
-66.0866

■ 19.7661, 18.3241,
-64.2623

■ 19.7661, 18.3241,
-64.2623

■ 19.7631, 18.3321,
-64.2760

■ 21.9953, 13.9494,
-55.1858

■ 24.5147, 10.0705,
-46.6117

■ 27.3203, 6.8478,
-38.5832

■ 30.3667, 4.2382,
-31.1803

■ 33.6155, 2.1636,
-24.3856

■ 37.0360, 0.5410,
-18.1377

■ 40.6037, -0.7056,
-12.3613

■ 44.2993, -1.6403,
-6.9831

■ 48.1073, -2.3161,
-1.9372

Harmonies

Analogous

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



19.7663, -3.3774, -76.9551



19.7661, 18.3241, -64.2623



19.7663, 40.4622, -30.3456

Triad

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



19.7663, 18.3255, -64.2619



19.7663, 24.1052, 13.8364



19.7663, -26.1793, 3.2065

Complementary

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



19.7661, 18.3241, -64.2623



37.5775, 7.1092, 23.2786

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.



19.7663, -23.4804, 12.6882



19.7661, 18.3241, -64.2623



19.7663, 1.3783, 13.8364

Square

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



19.7663, 18.3255, -64.2619



19.7663, 44.6038, 11.2320



19.7663, -15.0116, 13.8364



19.7663, -24.5803, -21.9733

Rectangle

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



19.7661, 18.3241, -64.2623



19.7663, 49.6962, -9.2503



19.7663, -15.0116, 13.8364



19.7663, -25.7846, 7.7463

Sweetspot

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



19.7663, 18.3255, -64.2619



53.6111, -0.8445, -16.8880



44.9072, -31.9859, 12.9201



24.5026, -0.1304, -9.2935



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.



19.7663, 18.3255, -64.2619



25.7274, 25.7278, -87.6959



14.6417, 38.4046, -93.9346



23.4999, -1.1456, -0.7501



18.8083, 17.1551, -60.5416



2.6560, -0.0241, -3.2677

Inverse Universe

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



24.3896, 42.5718, 9.4908



32.3443, 56.3815, 13.2185



48.1885, -20.6538, 29.3312



23.3476, 1.0106, 1.0896



23.1159, 40.3658, 8.8976



2.3408, 4.2406, -0.2852

Previews

White Background



This preview shows how the HunterLab color 19.7661, 18.3241, -64.2623 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 19.7661, 18.3241, -64.2623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

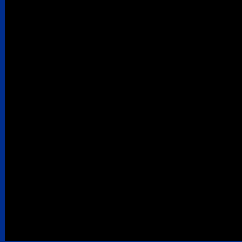
Any Text WCAG AA × Fail

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 19.7661, 18.3241, -64.2623 Background



This preview shows how black text looks on a background with the HunterLab color 19.7661, 18.3241, -64.2623.



This preview shows how white text looks on a background with the HunterLab color 19.7661, 18.3241, -64.2623.

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

19.7661, 18.3241, -64.2623

Protanopia

19.6879, 5.5627, -36.6164

Deuteranopia

19.7685, -1.0264, -22.4934



Tritanopia

19.8705, -9.9719, -3.3099

Trichromacy



Original Color

19.7661, 18.3241, -64.2623

Protanomaly

19.6171, 10.1241, -46.3747

Deuteranomaly

19.6297, 5.2627, -35.8961

Tritanomaly

19.3246, -1.6412, -20.6113

Monochromacy



Original Color

19.7661, 18.3241, -64.2623

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1211, 2.3920, -17.2295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.7661, 18.3241, -64.2623 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, 46, 142)` looks like.

```
.text, #text, p{  
    color:rgb(0, 46, 142)  
}
```

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, 46, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 46, 142) }
```

Border

The CSS property to change the border of an element to HunterLab 19.7661, 18.3241, -64.2623 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, 46, 142) }
```


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

```
.border{ border-color:rgb(0, 46, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 46, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 46, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 46, 142);  
box-shadow:4px 4px 4px 4px rgb(0, 46, 142)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.7661, 18.3241, -64.2623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 46, 142) }
```

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

```
.background{ background-color: rgb(0, 46,  
142) }
```

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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