

Converting Colors

HunterLab(19.1275, 20.7522,
-66.5107)

Have a look what the booklet for
HunterLab(19.1275, 20.7522,
-66.5107) contains.

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Color

**HunterLab(19.1238, 20.5518,
-65.9825)**

Conversions

Conversions Part 1

Format	Color
Hex	0C2A8D
RGB	12, 42, 141
RGB Percent	5%, 16%, 55%
CMY	0.9529, 0.8353, 0.4471
CMYK	0.91, 0.70, 0.00, 0.45
HSL	226°, 84%, 30%
HSV	226°, 91%, 55%
XYZ	5.7873, 3.6572, 25.6003
YIQ	44.3160, -49.6590, 24.4290

Conversions

Conversions Part 2

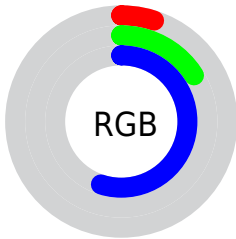
Format	Color
R_{YB}	12, 36, 141
Decimal	797325
CIE _{Lab}	22.50, 30.74, -57.05
CIE _{LCh}	23, 64.809, 298.316
Yxy	3.6573, 0.1651, 0.1044
Android (android.graphics.Color)	4278987405 (0xFF0C2A8D)
YUV	44.3160, 47.6652, -28.3411
Hunter-Lab	19.1238, 20.5518, -65.9825

Details

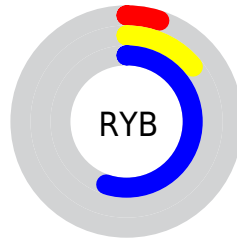
The HunterLab color **19.1238, 20.5518, -65.9825** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **41.3069, 0.0417, 24.9537**, and the grayscale version is **15.8359, -0.8450, 0.8604**.

A 20% lighter version of the original color is **35.7496, 23.3675, -64.1755**, and **8.5918, 23.3052, -61.0482** is the 20% darker color. If you saturate the color by 10%, you get **17.3157, 24.8008, -75.1808**, and if you desaturate by 10%, it is **21.6200, 15.8452, -55.5067**.

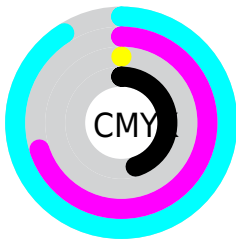
Distribution



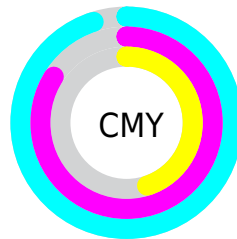
- Red (5%)
- Green (16%)
- Blue (55%)



- Red (5%)
- Yellow (14%)
- Blue (55%)



- Cyan (91%)
- Magenta (70%)
- Yellow (0%)
- Black (45%)



- Cyan (95%)
- Magenta (84%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1238, 20.5518, -65.9825 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 19.1238, 20.5518, -65.9825 by changing the saturation by 10% instead.

■ 19.1238, 20.5518,
-65.9825

■ 19.1238, 20.5518,
-65.9825

■ 116.5976, 28.5707,
-68.0628

■ 12.1809, 19.0666,
-70.8218

■ 35.8175, 23.1297,
-63.6632

■ 5.2654, 25.5659,
-104.2023

■ 45.3827, 24.2145,
-63.7980

0.0000, NaN, -NF

■ 55.6742, 25.1793,
-64.2700

0.0000, NaN, -NF

■ 66.6438, 26.0362,
-64.9231

0.0000, NaN, -NF

■ 78.2521, 26.7955,
-65.6706

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.4657, 27.4662,

0.0000, NaN, NaN

-66.4618

0.0000, NaN, NaN

103.2558, 28.0558,
-67.2657

19.1238, 20.5518,
-65.9825

19.1238, 20.5518,
-65.9825

17.3157, 24.8008,
-75.1808

21.6200, 15.8452,
-55.5067

24.5059, 11.7788,
-45.6613

27.7062, 8.3784,
-36.7066

31.1606, 5.5729,
-28.6490

34.8232, 3.2656,
-21.3897

■ 38.6593, 1.3646,
-14.8018

■ 42.6430, -0.2084,
-8.7642

■ 46.7542, -1.5161,
-3.1728

■ 50.9776, -2.6083,
2.0580

Harmonies

Analogous

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



19.1240, -2.1255, -81.8388



19.1238, 20.5518, -65.9825



19.1240, 43.2610, -29.3516

Triad

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



19.1240, 20.5533, -65.9821



19.1240, 23.3166, 13.3868



19.1240, -26.1253, 2.0732

Complementary

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



19.1238, 20.5518, -65.9825



41.3069, 0.0417, 24.9537

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.



19.1240, -23.8084, 12.3548



19.1238, 20.5518, -65.9825



19.1240, 0.1083, 13.3868

Square

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



19.1240, 20.5533, -65.9821



19.1240, 45.2606, 11.6399



19.1240, -15.9173, 13.3868



19.1240, -24.2978, -25.2772

Rectangle

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



19.1238, 20.5518, -65.9825



19.1240, 52.2480, -7.8242



19.1240, -15.9173, 13.3868



19.1240, -25.8257, 7.0110

Sweetspot

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



19.1240, 20.5533, -65.9821



53.7904, 0.9586, -16.5797



45.0264, -29.0802, 7.4692



24.6869, 0.7596, -8.9823



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.



19.1240, 20.5533, -65.9821



22.6897, 34.7306, -103.3335



16.6643, 36.0159, -78.7584



23.3364, -0.8723, -0.9526



16.5989, 23.4796, -71.4329



2.3530, 0.5259, -4.0763

Inverse Universe

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



24.6846, 40.2081, 10.6534



32.1140, 55.5319, 16.5984



47.0934, -23.2558, 28.1729



23.3310, 0.9215, 1.3259



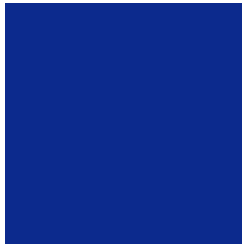
22.9444, 39.7338, 11.4096



2.3079, 4.1211, 0.1824

Previews

White Background



This preview shows how the HunterLab color 19.1238, 20.5518, -65.9825 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 19.1238, 20.5518, -65.9825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

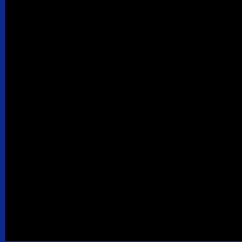
Any Text WCAG AA × Fail

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 19.1238, 20.5518, -65.9825 Background



This preview shows how black text looks on a background with the HunterLab color 19.1238, 20.5518, -65.9825.



This preview shows how white text looks on a background with the HunterLab color 19.1238, 20.5518, -65.9825.

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

19.1238, 20.5518, -65.9825

Protanopia

18.9256, 5.0075, -34.4651

Deuteranopia

19.0696, -1.2229, -21.1955



Tritanopia

18.9786, -9.3111, -3.6216

Trichromacy



Original Color

19.1238, 20.5518, -65.9825

Protanomaly

18.7622, 10.5322, -45.4177

Deuteranomaly

18.8180, 5.9893, -35.6829

Tritanomaly

18.2886, -0.2362, -21.5598

Monochromacy



Original Color

19.1238, 20.5518, -65.9825

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.1225, 3.5700, -17.2057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1238, 20.5518, -65.9825 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(12, 42, 141)` looks like.

```
.text, #text, p{  
    color:rgb(12, 42, 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(12, 42, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 42, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1238, 20.5518, -65.9825 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(12, 42, 141) }
```


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

```
.border{ border-color:rgb(12, 42, 141) }
```

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

Here you see how a box with a 4 pixel rgb(12, 42, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 42, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 42, 141);  
box-shadow:4px 4px 4px 4px rgb(12, 42,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1238, 20.5518, -65.9825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 42, 141) }
```

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

```
.background{ background-color: rgb(12, 42,  
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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