

Converting Colors

HunterLab(16.7820, 3.3621,
-15.7339)

Have a look what the booklet for
HunterLab(16.7820, 3.3621,
-15.7339) contains.

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Color

**HunterLab(16.7820, 3.3621,
-15.7339)**

Conversions

Conversions Part 1

Format	Color
Hex	242D4F
RGB	36, 45, 79
RGB Percent	14%, 18%, 31%
CMY	0.8588, 0.8235, 0.6902
CMYK	0.54, 0.43, 0.00, 0.69
HSL	227°, 37%, 23%
HSV	227°, 54%, 31%
XYZ	3.0772, 2.8164, 7.7786
YIQ	46.1850, -16.2780, 8.6660

Conversions

Conversions Part 2

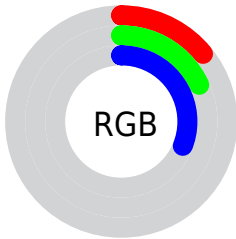
Format	Color
RYB	36, 43, 79
Decimal	2370895
CIELab	19.29, 7.23, -22.14
CIELCh	19, 23.289, 288.099
Yxy	2.8165, 0.2251, 0.2060
Android (android.graphics.Color)	4280560975 (0xFF242D4F)
YUV	46.1850, 16.1778, -8.9322
Hunter-Lab	16.7820, 3.3621, -15.7339

Details

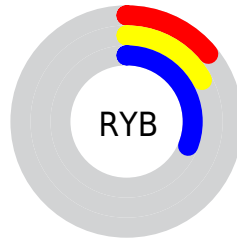
The HunterLab color **16.7820, 3.3621, -15.7339** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **24.8398, -2.2707, 11.2822**, and the grayscale version is **16.5426, -0.8827, 0.8988**.

A 20% lighter version of the original color is **32.7958, 3.6131, -16.6482**, and **3.4835, 9.4491, -24.7519** is the 20% darker color. If you saturate the color by 10%, you get **14.9926, 4.8427, -19.9300**, and if you desaturate by 10%, it is **18.6739, 2.1190, -11.9423**.

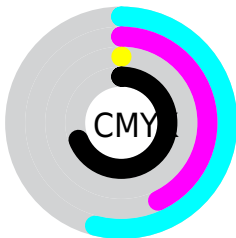
Distribution



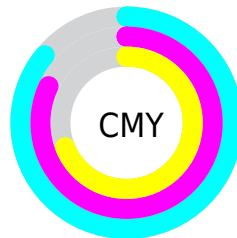
- Red (14%)
- Green (18%)
- Blue (31%)



- Red (14%)
- Yellow (17%)
- Blue (31%)



- Cyan (54%)
- Magenta (43%)
- Yellow (0%)
- Black (69%)



- Cyan (86%)
- Magenta (82%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7820, 3.3621, -15.7339 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 16.7820, 3.3621, -15.7339 by changing the saturation by 10% instead.

■ 16.7820, 3.3621,
-15.7339

■ 16.7820, 3.3621,
-15.7339

■ 112.2548, 1.7613,
-18.5288

■ 10.1817, 3.1284,
-15.3962

■ 32.9095, 3.4828,
-16.7109

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.2295, 3.4131,
-17.1535

0.0000, NaN, NaN

■ 52.2935, 3.2736,
-17.5360

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.0500, 3.0726,
-17.8550

0.0000, NaN, NaN

■ 74.4572, 2.8165,
-18.1113

0.0000, NaN, NaN

■ 86.4797, 2.5100,

0.0000, NaN, NaN

-18.3071

99.0875, 2.1572,
-18.4453

16.7820, 3.3621,
-15.7339

16.7820, 3.3621,
-15.7339

14.9926, 4.8427,
-19.9300

18.6739, 2.1190,
-11.9423

13.3264, 6.6046,
-24.5833

20.6511, 1.0710,
-8.4937

11.8121, 8.6810,
-29.6991

22.7015, 0.1819,
-5.3278

10.4581, 11.0006,
-35.2998

24.8153, -0.5777,
-2.3929

9.7524, 12.3022,
-38.7467

26.9851, -1.2313,
0.3538

■ 29.2049, -1.7979,
2.9471

■ 31.4699, -2.2920,
5.4150

■ 33.7763, -2.7257,
7.7802

■ 36.1207, -3.1084,
10.0609

Harmonies

Analogous

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



16.7823, -3.5089, -16.3859



16.7820, 3.3621, -15.7339



16.7823, 9.9876, -9.6986

Triad

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



16.7823, 3.3622, -15.7335



16.7823, 8.7602, 7.7851



16.7823, -11.8708, 3.2817

Complementary

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



16.7820, 3.3621, -15.7339



24.8398, -2.2707, 11.2822

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.



16.7823, -9.5623, 7.2786



16.7820, 3.3621, -15.7339



16.7823, 1.8865, 9.1601

Square

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



16.7823, 3.3622, -15.7335



16.7823, 13.4297, 4.3366



16.7823, -4.7685, 8.9991



16.7823, -11.6050, -3.4285

Rectangle

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



16.7820, 3.3621, -15.7339



16.7823, 13.0414, -4.4205



16.7823, -4.7685, 8.9991



16.7823, -11.3874, 4.9227

Sweetspot

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



16.7823, 3.3622, -15.7335



31.7541, -0.5542, -3.9138



25.3088, -11.7118, 1.9381



15.7139, -0.2297, -2.1384



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.7823, 3.3622, -15.7335



18.9052, 6.9298, -27.6523



15.6821, 9.7757, -18.1326



13.0548, -0.4853, -0.3886



12.2820, 17.3524, -52.8103



27.9311, 48.7130, -140.0688

Inverse Universe

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



17.6455, 12.9131, 2.7571



20.7246, 21.1625, 4.6447



26.2797, -9.1976, 12.2665



13.0692, 0.3417, 0.7655



16.9712, 29.3904, 8.4342



41.1753, 71.0328, 22.5843

Previews

White Background



This preview shows how the HunterLab color 16.7820, 3.3621, -15.7339 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 16.7820, 3.3621, -15.7339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

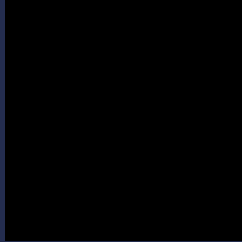
Any Text WCAG AA × Fail

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 16.7820, 3.3621, -15.7339 Background



This preview shows how black text looks on a background with the HunterLab color 16.7820, 3.3621, -15.7339.



This preview shows how white text looks on a background with the HunterLab color 16.7820, 3.3621, -15.7339.

-15.7339.

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

16.7820, 3.3621, -15.7339

Protanopia

16.8531, 2.5003, -16.2715

Deuteranopia

16.7026, 0.6145, -15.2828



Tritanopia

16.6750, -5.0053, -2.2218

Trichromacy



Original Color

16.7820, 3.3621, -15.7339

Protanomaly

16.9012, 2.6579, -16.1629

Deuteranomaly

16.6291, 1.5865, -15.4242

Tritanomaly

16.5795, -2.2107, -6.6395

Monochromacy



Original Color

16.7820, 3.3621, -15.7339

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.5883, -0.0237, -4.0863

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7820, 3.3621, -15.7339 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(36, 45, 79)` looks like.

```
.text, #text, p{  
    color:rgb(36, 45, 79)  
}
```

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(36, 45, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 45, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7820, 3.3621, -15.7339 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(36, 45, 79) }
```


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

```
.border{ border-color:rgb(36, 45, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 45, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 45, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 45, 79);  
box-shadow:4px 4px 4px 4px rgb(36, 45, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7820, 3.3621, -15.7339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 45, 79) }
```

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

```
.background{ background-color: rgb(36, 45,  
79) }
```

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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