

Converting Colors

HunterLab(15.9517, 3.4950,
-23.2081)

Have a look what the booklet for
HunterLab(15.9517, 3.4950,
-23.2081) contains.

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Color

**HunterLab(15.8708, 3.4341,
-23.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	112B56
RGB	17, 43, 86
RGB Percent	7%, 17%, 34%
CMY	0.9333, 0.8314, 0.6627
CMYK	0.80, 0.50, 0.00, 0.66
HSL	217°, 67%, 20%
HSV	217°, 80%, 34%
XYZ	2.7748, 2.5188, 9.1441
YIQ	40.1280, -29.2990, 7.8610

Conversions

Conversions Part 2

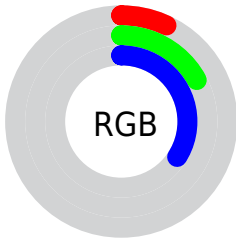
Format	Color
R_{YB}	17, 36, 86
Decimal	1125206
CIE Lab	18.00, 7.39, -28.96
CIE LCh	18, 29.885, 284.318
Yxy	2.5189, 0.1922, 0.1745
Android (android.graphics.Color)	4279315286 (0xFF112B56)
YUV	40.1280, 22.6149, -20.2833
Hunter-Lab	15.8708, 3.4341, -23.0508

Details

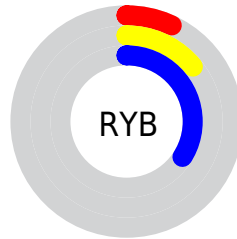
The HunterLab color **15.8708, 3.4341, -23.0508** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.9154, 3.1698, 12.8032**, and the grayscale version is **14.5447, -0.7761, 0.7902**.

A 20% lighter version of the original color is **31.7752, 3.5590, -23.8201**, and **4.6725, 7.6985, -22.4591** is the 20% darker color. If you saturate the color by 10%, you get **14.4551, 5.1629, -27.1144**, and if you desaturate by 10%, it is **17.4064, 2.0205, -19.2279**.

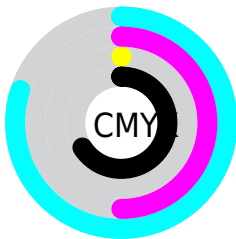
Distribution



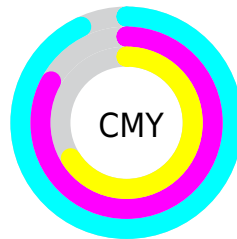
- Red (7%)
- Green (17%)
- Blue (34%)



- Red (7%)
- Yellow (14%)
- Blue (34%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)
- Black (66%)



- Cyan (93%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8708, 3.4341, -23.0508 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 15.8708, 3.4341, -23.0508 by changing the saturation by 10% instead.

■ 15.8708, 3.4341,
-23.0508

■ 15.8708, 3.4341,
-23.0508

■ 110.5263, 1.9833,
-27.0789

■ 9.4131, 3.1699,
-23.2489

■ 31.7651, 3.6014,
-23.9698

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 40.9847, 3.5504,
-24.5409

0.0000, NaN, NaN

■ 50.9559, 3.4278,
-25.0900

0.0000, NaN, NaN

■ 61.6257, 3.2423,
-25.5958

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9510, 3.0005,
-26.0494

0.0000, NaN, NaN

■ 84.8960, 2.7074,

0.0000, NaN, NaN

-26.4478

■ 97.4299, 2.3673,
-26.7907

■ 15.8708, 3.4341,
-23.0508

■ 15.8708, 3.4341,
-23.0508

■ 14.4551, 5.1629,
-27.1144

■ 17.4064, 2.0205,
-19.2279

■ 13.1406, 6.9858,
-31.5049

■ 19.0468, 0.8967,
-15.6539

■ 20.7784, 0.0270,
-12.3183

■ 22.5894, -0.6245,
-9.1996

■ 24.4703, -1.0899,
-6.2726

■ 26.4130, -1.3972,
-3.5119

■ 28.4109, -1.5699,
-0.8940

■ 30.4587, -1.6276,
1.6020

■ 32.5516, -1.5864,
3.9942

Harmonies

Analogous

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



15.8710, -5.0588, -22.8354



15.8708, 3.4341, -23.0508



15.8710, 12.3765, -14.9317

Triad

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



15.8710, 3.4345, -23.0504



15.8710, 12.7394, 8.4556



15.8710, -13.7961, 4.5422

Complementary

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



15.8708, 3.4341, -23.0508



22.9154, 3.1698, 12.8032

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.



15.8710, -10.7935, 8.5869



15.8708, 3.4341, -23.0508



15.8710, 3.8542, 10.5172

Square

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



15.8710, 3.4345, -23.0504



15.8710, 18.4721, 4.2708



15.8710, -4.7191, 10.5653



15.8710, -13.8615, -3.5199

Rectangle

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



15.8708, 3.4341, -23.0508



15.8710, 16.8907, -7.5368



15.8710, -4.7191, 10.5653



15.8710, -13.1309, 6.2645

Sweetspot

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



15.8710, 3.4345, -23.0504



33.7317, -1.6847, -6.2911



26.6391, -17.3840, 6.7334



16.3865, -0.7873, -3.5001



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



15.8710, 3.4345, -23.0504



17.5655, 9.2279, -40.9536



11.3150, 16.2062, -38.8775



14.7319, -0.8135, -0.2708



16.1403, 9.6859, -41.0830



36.0818, 28.1783, -105.9280

Inverse Universe

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



15.9810, 22.0099, 1.7533



19.3528, 32.8303, 4.8720



28.8336, -9.8051, 16.5046



14.5975, 0.5143, 0.6134



18.1318, 31.9094, 5.0637



42.7846, 74.9319, 14.7632

Previews

White Background



This preview shows how the HunterLab color 15.8708, 3.4341, -23.0508 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 15.8708, 3.4341, -23.0508 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

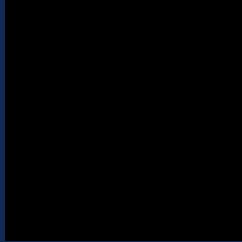
Any Text WCAG AA × Fail

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 15.8708, 3.4341, -23.0508 Background



This preview shows how black text looks on a background with the HunterLab color 15.8708, 3.4341, -23.0508.



This preview shows how white text looks on a background with the HunterLab color 15.8708, 3.4341, -23.0508.

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

15.8708, 3.4341, -23.0508

Protanopia

15.9314, 3.6283, -22.8849

Deuteranopia

15.6246, -0.4998, -18.4505



Tritanopia

15.6642, -7.5738, -3.2291

Trichromacy



Original Color

15.8708, 3.4341, -23.0508

Protanomaly

15.9004, 3.5293, -22.9694

Deuteranomaly

15.6502, 1.1123, -20.5789

Tritanomaly

15.6633, -4.0973, -9.3503

Monochromacy



Original Color

15.8708, 3.4341, -23.0508

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.7931, -0.2212, -6.4028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8708, 3.4341, -23.0508 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(17, 43, 86)` looks like.

```
.text, #text, p{  
    color:rgb(17, 43, 86)  
}
```

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(17, 43, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 43, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8708, 3.4341, -23.0508 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(17, 43, 86) }
```


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

```
.border{ border-color:rgb(17, 43, 86) }
```

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

Here you see how a box with a 4 pixel rgb(17, 43, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 43, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 43, 86);  
box-shadow:4px 4px 4px 4px rgb(17, 43, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.8708, 3.4341, -23.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 43, 86) }
```

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

```
.background{ background-color: rgb(17, 43,  
86) }
```

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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