

Converting Colors

HunterLab(15.5096, 1.1416,
-18.7222)

Have a look what the booklet for
HunterLab(15.5096, 1.1416,
-18.7222) contains.

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Color

**HunterLab(15.4202, 1.2725,
-18.9175)**

Conversions

Conversions Part 1

Format	Color
Hex	0D2B4F
RGB	13, 43, 79
RGB Percent	5%, 17%, 31%
CMY	0.9490, 0.8314, 0.6902
CMYK	0.84, 0.46, 0.00, 0.69
HSL	213°, 72%, 18%
HSV	213°, 84%, 31%
XYZ	2.4411, 2.3778, 7.7274
YIQ	38.1340, -29.4360, 4.8360

Conversions

Conversions Part 2

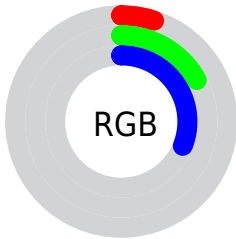
Format	Color
R_YB	13, 34, 79
Decimal	863055
CIE Lab	17.36, 3.74, -25.29
CIE LCh	17, 25.568, 278.416
Yxy	2.3779, 0.1946, 0.1895
Android (android.graphics.Color)	4279053135 (0xFF0D2B4F)
YUV	38.1340, 20.1469, -22.0425
Hunter-Lab	15.4202, 1.2725, -18.9175

Details

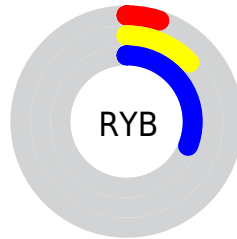
The HunterLab color **15.4202, 1.2725, -18.9175** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.7189, 5.2824, 11.0978**, and the grayscale version is **13.9097, -0.7422, 0.7557**.

A 20% lighter version of the original color is **31.1950, 0.9173, -19.5765**, and **3.9863, 6.9248, -19.9312** is the 20% darker color. If you saturate the color by 10%, you get **14.2418, 2.5329, -21.9752**, and if you desaturate by 10%, it is **16.6757, 0.2270, -16.0210**.

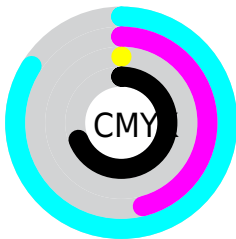
Distribution



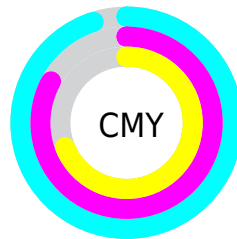
- Red (5%)
- Green (17%)
- Blue (31%)



- Red (5%)
- Yellow (13%)
- Blue (31%)



- Cyan (84%)
- Magenta (46%)
- Yellow (0%)
- Black (69%)



- Cyan (95%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4202, 1.2725, -18.9175 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 15.4202, 1.2725, -18.9175 by changing the saturation by 10% instead.

■ 15.4202, 1.2725,
-18.9175

■ 15.4202, 1.2725,
-18.9175

■ 109.6629, -1.9011,
-22.4102

■ 9.0249, 1.3292,
-18.8824

■ 31.1962, 0.9596,
-19.8982

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 40.3652, 0.6981,
-20.4180

0.0000, NaN, NaN

■ 50.2894, 0.3793,
-20.8940

0.0000, NaN, NaN

■ 60.9154, 0.0094,
-21.3143

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1996, -0.4069,
-21.6755

0.0000, NaN, NaN

■ 84.1054, -0.8660,

0.0000, NaN, NaN

-21.9774

■ 96.6021, -1.3649,
-22.2216

■ 15.4202, 1.2725,
-18.9175

■ 15.4202, 1.2725,
-18.9175

■ 14.2418, 2.5329,
-21.9752

■ 16.6757, 0.2270,
-16.0210

■ 13.4930, 3.3658,
-24.1308

■ 18.0139, -0.5731,
-13.2566

■ 19.4263, -1.1524,
-10.6263

■ 20.9050, -1.5367,
-8.1250

■ 22.4430, -1.7506,
-5.7433

■ 24.0342, -1.8163,
-3.4701

■ 25.6737, -1.7532,
-1.2935

■ 27.3568, -1.5781,
0.7977

■ 29.0798, -1.3051,
2.8141

Harmonies

Analogous

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



15.4204, -5.6293, -17.3134



15.4202, 1.2725, -18.9175



15.4204, 8.8423, -13.6074

Triad

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



15.4204, 1.2728, -18.9171



15.4204, 11.7062, 7.0201



15.4204, -11.7741, 4.9682

Complementary

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



15.4202, 1.2725, -18.9175



19.7189, 5.2824, 11.0978

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.



15.4204, -8.5731, 8.1349



15.4202, 1.2725, -18.9175



15.4204, 4.6537, 9.1409

Square

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



15.4204, 1.2728, -18.9171



15.4204, 15.5541, 2.6589



15.4204, -2.8137, 9.5488



15.4204, -12.3439, -1.2331

Rectangle

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



15.4202, 1.2725, -18.9175



15.4204, 12.9580, -7.8590



15.4204, -2.8137, 9.5488



15.4204, -11.0030, 6.2996

Sweetspot

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



15.4204, 1.2728, -18.9171



30.8393, -2.3636, -5.2055



24.2748, -16.7464, 7.7815



15.2033, -1.1749, -2.8664



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.



15.4204, 1.2728, -18.9171



17.1510, 5.2612, -32.7946



9.7763, 14.9463, -38.5756



13.2687, -0.8413, -0.1273



39.5580, 17.3856, -86.9745

Inverse Universe

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



14.5762, 21.0815, 0.0542



17.3922, 30.9352, 2.3197



26.8152, -7.5647, 15.5487



13.0909, 0.4589, 0.4558



42.1262, 74.5300, 8.7134

Previews

White Background



This preview shows how the HunterLab color 15.4202, 1.2725, -18.9175 looks on a white background.

Color Contrast Check

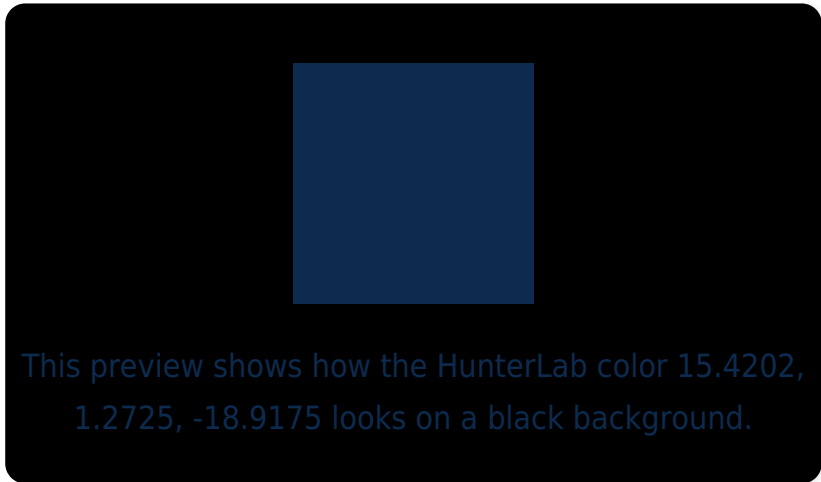
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

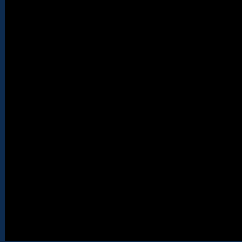
Any Text WCAG AA × Fail

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 15.4202, 1.2725, -18.9175 Background



This preview shows how black text looks on a background with the HunterLab color 15.4202, 1.2725, -18.9175.



This preview shows how white text looks on a background with the HunterLab color 15.4202, 1.2725, -18.9175.

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

15.4202, 1.2725, -18.9175

Protanopia

15.5327, 2.7426, -17.8934

Deuteranopia

15.2879, -0.5969, -17.8200



Tritanopia

15.3392, -7.5906, -2.7868

Trichromacy



Original Color

15.4202, 1.2725, -18.9175

Protanomaly

15.3799, 2.2439, -18.2697

Deuteranomaly

15.4392, 0.0170, -18.1654

Tritanomaly

15.2420, -4.6345, -7.8626

Monochromacy



Original Color

15.4202, 1.2725, -18.9175

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.2683, -1.0987, -5.2232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4202, 1.2725, -18.9175 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(13, 43, 79)` looks like.

```
.text, #text, p{  
    color:rgb(13, 43, 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(13, 43, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 43, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4202, 1.2725, -18.9175 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(13, 43, 79) }
```

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

```
.border{ border-color:rgb(13, 43, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 43, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 43, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 43, 79);  
box-shadow:4px 4px 4px 4px rgb(13, 43, 79)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4202, 1.2725, -18.9175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 43, 79) }
```

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

```
.background{ background-color: rgb(13, 43,  
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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