

Converting Colors

HunterLab(15.1116, -0.1854,
-12.7196)

Have a look what the booklet for
HunterLab(15.1116, -0.1854,
-12.7196) contains.

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Color

**HunterLab(15.2212, -0.2828,
-12.5567)**

Conversions

Conversions Part 1

Format	Color
Hex	152B45
RGB	21, 43, 69
RGB Percent	8%, 17%, 27%
CMY	0.9176, 0.8314, 0.7294
CMYK	0.70, 0.38, 0.00, 0.73
HSL	213°, 53%, 18%
HSV	213°, 70%, 27%
XYZ	2.2473, 2.3168, 5.9590
YIQ	39.3860, -21.4580, 3.4220

Conversions

Conversions Part 2

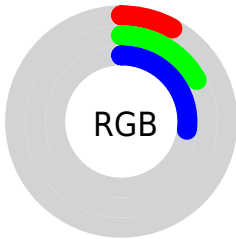
Format	Color
RYB	21, 36, 69
Decimal	1387333
CIELab	17.07, 0.97, -18.92
CIElCh	17, 18.942, 272.933
Yxy	2.3169, 0.2136, 0.2202
Android (android.graphics.Color)	4279577413 (0xFF152B45)
YUV	39.3860, 14.5997, -16.1245
Hunter-Lab	15.2212, -0.2828, -12.5567

Details

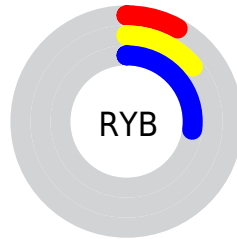
The HunterLab color **15.2212, -0.2828, -12.5567** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.3100, 3.1140, 9.0393**, and the grayscale version is **14.3280, -0.7645, 0.7785**.

A 20% lighter version of the original color is **30.8691, -1.0831, -13.3221**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **14.1146, 0.4793, -14.9448**, and if you desaturate by 10%, it is **16.3931, -0.8511, -10.2769**.

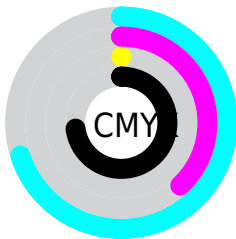
Distribution



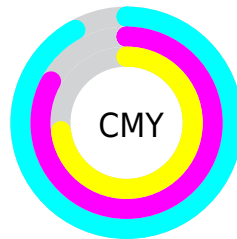
- Red (8%)
- Green (17%)
- Blue (27%)



- Red (8%)
- Yellow (14%)
- Blue (27%)



- Cyan (70%)
- Magenta (38%)
- Yellow (0%)
- Black (73%)



- Cyan (92%)
- Magenta (83%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2212, -0.2828, -12.5567 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 15.2212, -0.2828, -12.5567 by changing the saturation by 10% instead.

■ 15.2212, -0.2828,
-12.5567

■ 15.2212, -0.2828,
-12.5567

■ 109.2796, -4.8188,
-14.6523

■ 8.8467, 0.0048,
-12.2496

■ 30.9444, -0.9827,
-13.4442

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.0906, -1.4113,
-13.8113

0.0000, NaN, NaN

■ 49.9940, -1.8849,
-14.1100

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.6005, -2.3997,
-14.3409

0.0000, NaN, NaN

■ 71.8662, -2.9527,
-14.5069

0.0000, NaN, NaN

■ 83.7546, -3.5415,

0.0000, NaN, NaN

-14.6118

■ 96.2347, -4.1641,
-14.6591

■ 15.2212, -0.2828,
-12.5567

■ 15.2212, -0.2828,
-12.5567

■ 14.1146, 0.4793,
-14.9448

■ 16.3931, -0.8511,
-10.2769

■ 13.0743, 1.4349,
-17.4511

■ 17.6229, -1.2466,
-8.1050

■ 12.0551, 2.4287,
-20.2203

■ 18.9048, -1.4900,
-6.0349

■ 12.0107, 2.4723,
-20.3492

■ 20.2336, -1.6003,
-4.0584

■ 21.6047, -1.5945,
-2.1664

■ 23.0143, -1.4872,
-0.3495

■ 24.4590, -1.2914,
1.4008

■ 25.9358, -1.0177,
3.0927

■ 27.4422, -0.6756,
4.7335

Harmonies

Analogous

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



15.2215, -5.2202, -10.7268



15.2212, -0.2828, -12.5567



15.2215, 5.1982, -9.8964

Triad

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



15.2215, -0.2827, -12.5563



15.2215, 8.8276, 5.2491



15.2215, -8.9387, 4.6453

Complementary

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



15.2212, -0.2828, -12.5567



18.3100, 3.1140, 9.0393

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.



15.2215, -6.0155, 6.9699



15.2212, -0.2828, -12.5567



15.2215, 4.1608, 7.2338

Square

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



15.2215, -0.2827, -12.5563



15.2215, 10.8938, 1.3211



15.2215, -1.3361, 7.7921



15.2215, -9.7907, 0.3189

Rectangle

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



15.2212, -0.2828, -12.5567



15.2215, 8.3038, -6.3356



15.2215, -1.3361, 7.7921



15.2215, -8.1876, 5.6285

Sweetspot

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



15.2215, -0.2827, -12.5563



27.6633, -2.0858, -3.3652



21.4890, -13.1634, 5.7067



14.2836, -1.0878, -1.9039



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.2215, -0.2827, -12.5563



17.4226, 1.4451, -21.5895



10.6938, 9.4399, -24.4613



12.5118, -0.7961, -0.1001



16.8250, 4.8703, -31.5435



39.3028, 16.6494, -85.0664

Inverse Universe

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



14.0572, 15.5072, -0.7065



16.4486, 24.1087, 0.0344



23.4903, -6.1090, 12.5767



12.3446, 0.4123, 0.4299



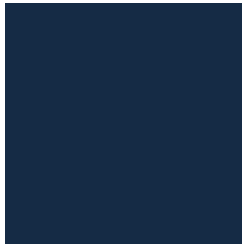
16.9471, 30.1668, 2.0790



41.6204, 73.6783, 8.2734

Previews

White Background



This preview shows how the HunterLab color 15.2212, -0.2828, -12.5567 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

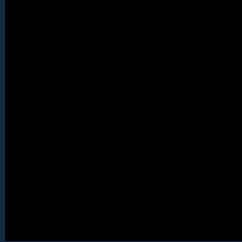
Any Text WCAG AA × Fail

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 15.2212, -0.2828, -12.5567 Background



This preview shows how black text looks on a background with the HunterLab color 15.2212, -0.2828, -12.5567.



This preview shows how white text looks on a background with the HunterLab color 15.2212, -0.2828, -12.5567.

-12.5567.

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

15.2212, -0.2828, -12.5567

Protanopia

15.1598, 1.7495, -11.3961

Deuteranopia

15.1403, 0.6569, -12.7074



Tritanopia

15.1374, -7.0147, -3.0625

Trichromacy



Original Color

15.2212, -0.2828, -12.5567

Protanomaly

15.2321, 0.8856, -11.8857

Deuteranomaly

15.0990, 0.5171, -12.7956

Tritanomaly

15.2447, -4.8305, -6.2594

Monochromacy



Original Color

15.2212, -0.2828, -12.5567

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.3351, -1.0519, -3.6661

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2212, -0.2828, -12.5567 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(21, 43, 69)` looks like.

```
.text, #text, p{  
    color:rgb(21, 43, 69)  
}
```

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(21, 43, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 43, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2212, -0.2828, -12.5567 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(21, 43, 69) }
```


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

```
.border{ border-color:rgb(21, 43, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 43, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 43, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 43, 69);  
box-shadow:4px 4px 4px 4px rgb(21, 43, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2212, -0.2828, -12.5567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 43, 69) }
```

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

```
.background{ background-color: rgb(21, 43,  
69) }
```

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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