

Converting Colors

HunterLab(12.5000, -2.2067,
-4.5493)

Have a look what the booklet for
HunterLab(12.5000, -2.2067,
-4.5493) contains.

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Color

**HunterLab(12.4007, -2.0855,
-4.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	13232E
RGB	19, 35, 46
RGB Percent	7%, 14%, 18%
CMY	0.9255, 0.8627, 0.8196
CMYK	0.59, 0.24, 0.00, 0.82
HSL	204°, 42%, 13%
HSV	204°, 59%, 18%
XYZ	1.3627, 1.5378, 2.8098
YIQ	31.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

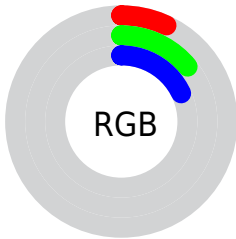
Format	Color
R_{YB}	19, 29, 46
Decimal	1254190
CIE Lab	12.85, -2.87, -9.37
CIE LCh	13, 9.796, 252.968
Yxy	1.5378, 0.2386, 0.2693
Android (android.graphics.Color)	4279444270 (0xFF13232E)
YUV	31.4700, 7.1633, -10.9362
Hunter-Lab	12.4007, -2.0855, -4.7535

Details

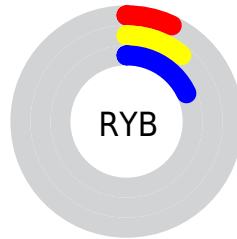
The HunterLab color **12.4007, -2.0855, -4.7535** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.4758, 2.6131, 4.8051**, and the grayscale version is **11.8339, -0.6314, 0.6430**.

A 20% lighter version of the original color is **27.2423, -3.2648, -5.3070**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7840, -2.0219, -5.7793**, and if you desaturate by 10%, it is **13.0459, -2.0589, -3.7444**.

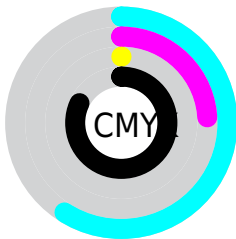
Distribution



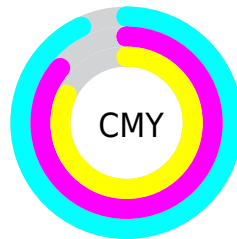
- Red (7%)
- Green (14%)
- Blue (18%)



- Red (7%)
- Yellow (11%)
- Blue (18%)



- Cyan (59%)
- Magenta (24%)
- Yellow (0%)
- Black (82%)



- Cyan (93%)
- Magenta (86%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4007, -2.0855, -4.7535 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 12.4007, -2.0855, -4.7535 by changing the saturation by 10% instead.

■ 12.4007, -2.0855,
-4.7535

■ 12.4007, -2.0855,
-4.7535

■ 103.7034, -8.4788,
-3.9618

■ 5.6137, -2.5271,
-6.6148

■ 27.3253, -3.3291,
-5.0772

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.1322, -3.9868,
-5.1081

0.0000, NaN, NaN

■ 45.7232, -4.6706,
-5.0645

0.0000, NaN, NaN

■ 56.0386, -5.3809,
-4.9545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.0307, -6.1173,
-4.7844

0.0000, NaN, NaN

■ 78.6603, -6.8795,

0.0000, NaN, NaN

-4.5595

■ 90.8940, -7.6668,
-4.2841

■ 12.4007, -2.0855,
-4.7535

■ 12.4007, -2.0855,
-4.7535

■ 11.7840, -2.0219,
-5.7793

■ 13.0459, -2.0589,
-3.7444

■ 11.1970, -1.8604,
-6.8199

■ 13.7171, -1.9497,
-2.7541

■ 10.6218, -1.6662,
-7.9122

■ 14.4127, -1.7654,
-1.7831

■ 10.0416, -1.4984,
-9.1004

■ 15.1309, -1.5132,
-0.8313

■ 9.9653, -1.4786,
-9.2638

■ 15.8703, -1.1997,
0.1017

■ 16.6294, -0.8308,
1.0167

■ 17.4069, -0.4120,
1.9147

■ 18.2015, 0.0520,
2.7968

■ 19.0122, 0.5568,
3.6642

Harmonies

Analogous

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



12.4009, -4.0954, -3.0015



12.4007, -2.0855, -4.7535



12.4009, 0.4734, -4.8762

Triad

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



12.4009, -2.0855, -4.7533



12.4009, 4.5652, 1.6903



12.4009, -3.8730, 3.6615

Complementary

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



12.4007, -2.0855, -4.7535



12.4758, 2.6131, 4.8051

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.



12.4009, -1.7587, 4.4680



12.4007, -2.0855, -4.7535



12.4009, 3.1902, 3.4858

Square

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



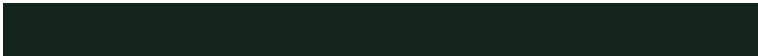
12.4009, -2.0855, -4.7533



12.4009, 4.4595, -0.7920



12.4009, 0.8281, 4.4079



12.4009, -5.0679, 1.9822

Rectangle

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



12.4007, -2.0855, -4.7535



12.4009, 2.1614, -3.9857



12.4009, 0.8281, 4.4079



12.4009, -3.2540, 4.0241

Sweetspot

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



12.4009, -2.0855, -4.7533



19.0098, -1.9129, -1.0768



14.7824, -8.0294, 4.0951



10.5507, -1.0798, -0.6480



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



12.4009, -2.0855, -4.7533



14.4479, -2.4574, -7.9254



9.4773, 3.0586, -10.2772



8.8980, -0.6593, 0.0875



17.5615, -1.1699, -19.4248



44.7515, 0.4377, -56.8804

Inverse Universe

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



10.8074, 8.5541, -1.9146



12.2693, 13.5804, -2.7528



15.4193, -2.4520, 7.0891



8.7367, 0.2189, 0.2310



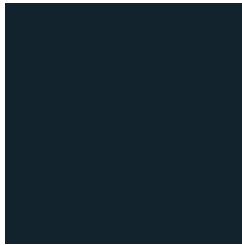
15.0140, 27.3261, -2.8115



39.8206, 72.0377, -4.0636

Previews

White Background



This preview shows how the HunterLab color 12.4007, -2.0855, -4.7535 looks on a white background.

Color Contrast Check

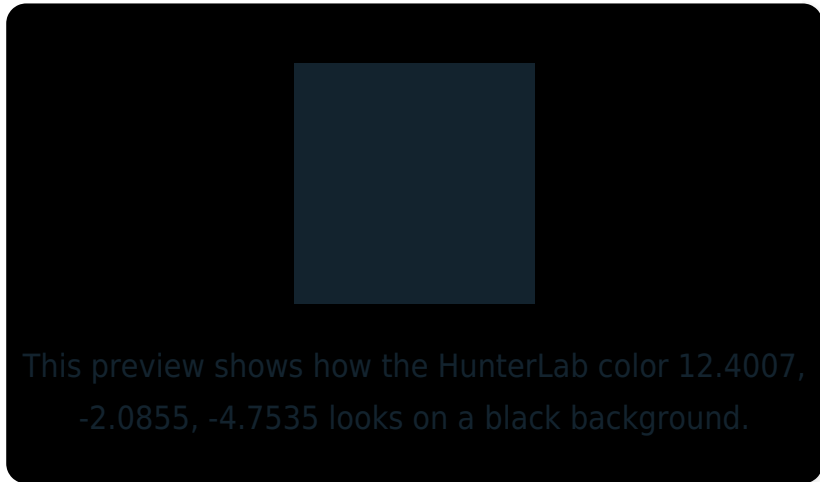
Large Text (above 18pt) WCAG AA ✓ Pass

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

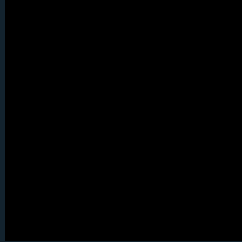
Any Text WCAG AA × Fail

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 12.4007, -2.0855, -4.7535 Background



This preview shows how black text looks on a background with the HunterLab color 12.4007, -2.0855, -4.7535.



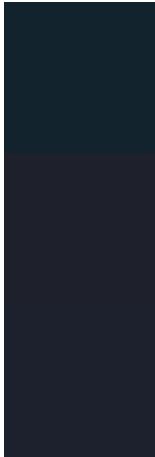
This preview shows how white text looks on a background with the HunterLab color 12.4007, -2.0855, -4.7535.

-4.7535.

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

12.4007, -2.0855, -4.7535

Protanopia

12.4321, 0.2674, -3.6988

Deuteranopia

12.4346, 0.3995, -4.6555



Tritanopia

12.3223, -4.0249, -1.7131

Trichromacy



Original Color

12.4007, -2.0855, -4.7535

Protanomaly

12.4625, -0.7304, -4.1445

Deuteranomaly

12.4418, -0.7397, -4.6638

Tritanomaly

12.4422, -3.4112, -2.8310

Monochromacy



Original Color

12.4007, -2.0855, -4.7535

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.8043, -1.1968, -1.1305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4007, -2.0855, -4.7535 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(19, 35, 46)` looks like.

```
.text, #text, p{  
    color:rgb(19, 35, 46)  
}
```

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(19, 35, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 35, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4007, -2.0855, -4.7535 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(19, 35, 46) }
```


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

```
.border{ border-color:rgb(19, 35, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 35, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 35, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 35, 46);  
box-shadow:4px 4px 4px 4px rgb(19, 35, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.4007, -2.0855, -4.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 35, 46) }
```

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

```
.background{ background-color: rgb(19, 35,  
46) }
```

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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