

Converting Colors

HunterLab(12.5014, -2.3931,
-4.5485)

Have a look what the booklet for
HunterLab(12.5014, -2.3931,
-4.5485) contains.

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Color

**HunterLab(12.6000, -2.5926,
-4.4440)**

Conversions

Conversions Part 1

Format	Color
Hex	12242E
RGB	18, 36, 46
RGB Percent	7%, 14%, 18%
CMY	0.9294, 0.8588, 0.8196
CMYK	0.61, 0.22, 0.00, 0.82
HSL	201°, 44%, 13%
HSV	201°, 61%, 18%
XYZ	1.3735, 1.5876, 2.8188
YIQ	31.7580, -13.9380, -0.7060

Conversions

Conversions Part 2

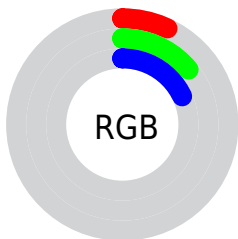
Format	Color
R_{YB}	18, 29, 46
Decimal	1188910
CIE Lab	13.15, -3.88, -8.90
CIE LCh	13, 9.707, 246.440
Yxy	1.5877, 0.2376, 0.2747
Android (android.graphics.Color)	4279378990 (0xFF12242E)
YUV	31.7580, 7.0213, -12.0658
Hunter-Lab	12.6000, -2.5926, -4.4440

Details

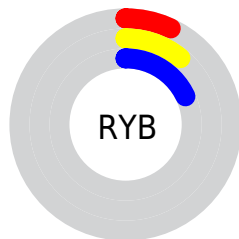
The HunterLab color **12.6000, -2.5926, -4.4440** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.0626, 3.3243, 4.6780**, and the grayscale version is **11.9245, -0.6363, 0.6479**.

A 20% lighter version of the original color is **27.5078, -3.6864, -4.9381**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0438, -2.5888, -5.3486**, and if you desaturate by 10%, it is **13.1844, -2.5047, -3.5434**.

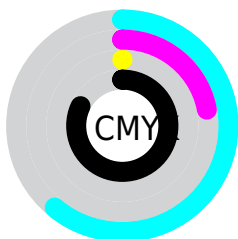
Distribution



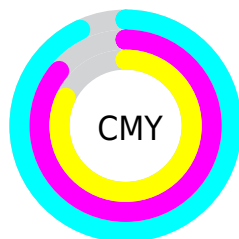
- Red (7%)
- Green (14%)
- Blue (18%)



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



- Cyan (61%)
- Magenta (22%)
- Yellow (0%)
- Black (82%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6000, -2.5926, -4.4440 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 12.6000, -2.5926, -4.4440 by changing the saturation by 10% instead.

12.6000, -2.5926,
-4.4440

12.6000, -2.5926,
-4.4440

104.1071, -9.5334,
-3.4499

5.9098, -3.1766,
-5.9246

27.5843, -3.9977,
-4.7171

0.0000, NaN, NaN

0.0000, NaN, NaN

36.4165, -4.7229,
-4.7235

0.0000, NaN, NaN

46.0306, -5.4687,
-4.6563

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3675, -6.2364,
-4.5238

0.0000, NaN, NaN

67.3799, -7.0267,
-4.3322

0.0000, NaN, NaN

79.0285, -7.8397,

0.0000, NaN, NaN

-4.0866

■ 91.2804, -8.6753,
-3.7914

■ 12.6000, -2.5926,
-4.4440

■ 12.6000, -2.5926,
-4.4440

■ 12.0438, -2.5888,
-5.3486

■ 13.1844, -2.5047,
-3.5434

■ 11.5153, -2.4913,
-6.2565

■ 13.7947, -2.3316,
-2.6500

■ 10.9914, -2.3844,
-7.2117

■ 14.4296, -2.0804,
-1.7656

■ 10.5085, -2.3096,
-8.1488

■ 15.0877, -1.7577,
-0.8912

■ 15.7674, -1.3700,
-0.0277

■ 16.4674, -0.9233,
0.8247

■ 17.1865, -0.4231,
1.6659

■ 17.9235, 0.1257,
2.4962

■ 18.6772, 0.7185,
3.3161

Harmonies

Analogous

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



12.6002, -4.4159, -2.4467



12.6000, -2.5926, -4.4440



12.6002, -0.1125, -4.9532

Triad

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



12.6002, -2.5926, -4.4438



12.6002, 4.6373, 1.2031



12.6002, -3.4827, 3.9186

Complementary

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



12.6000, -2.5926, -4.4440



12.0626, 3.3243, 4.6780

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.



12.6002, -1.2239, 4.5321



12.6000, -2.5926, -4.4440



12.6002, 3.5652, 3.1763

Square

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



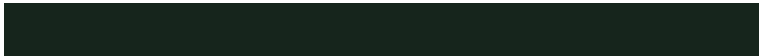
12.6002, -2.5926, -4.4438



12.6002, 4.1972, -1.3469



12.6002, 1.3689, 4.2861



12.6002, -4.9001, 2.4279

Rectangle

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



12.6000, -2.5926, -4.4440



12.6002, 1.6096, -4.3056



12.6002, 1.3689, 4.2861



12.6002, -2.8038, 4.2180

Sweetspot

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



12.6002, -2.5926, -4.4438



19.1409, -2.1239, -0.9123



14.7156, -8.3616, 4.5452



10.6265, -1.2017, -0.5525



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.



12.6002, -2.5926, -4.4438



14.7474, -3.1950, -7.4129



9.5258, 2.6942, -10.1712



8.9228, -0.7000, 0.1170



18.6710, -2.9468, -16.9759



47.9131, -4.8345, -49.4510

Inverse Universe

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



10.6812, 9.0742, -2.5246



12.0911, 14.3970, -3.6750



15.0543, -1.9573, 6.9881



8.7392, 0.2327, 0.1946



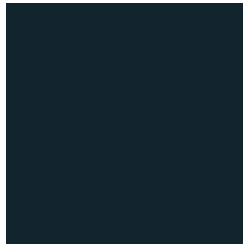
15.1485, 27.8101, -4.6901



40.1903, 73.3712, -9.2551

Previews

White Background



This preview shows how the HunterLab color 12.6000, -2.5926, -4.4440 looks on a white background.

Color Contrast Check

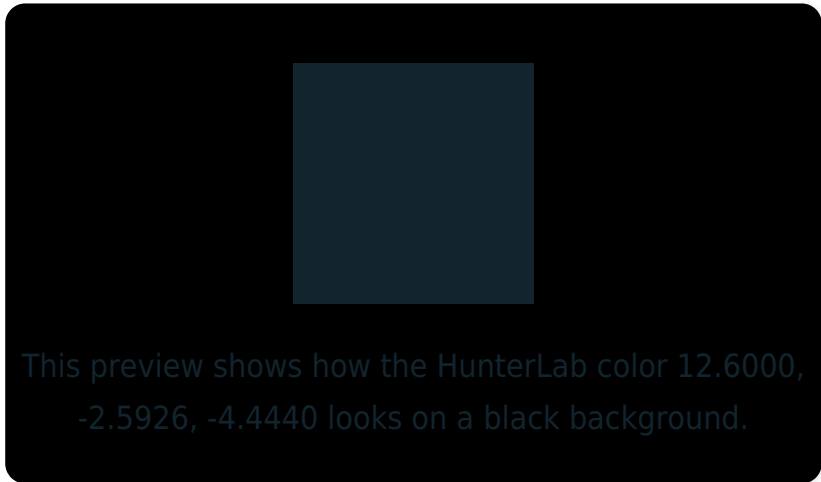
Large Text (above 18pt) WCAG AA ✓ Pass

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

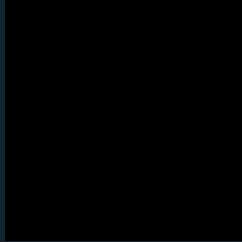
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

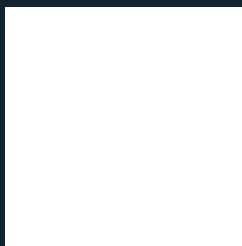
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.6000, -2.5926, -4.4440 Background



This preview shows how black text looks on a background with the HunterLab color 12.6000, -2.5926, -4.4440.



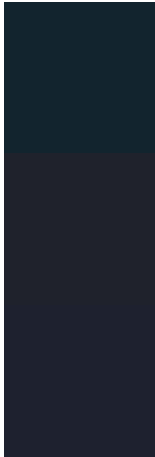
This preview shows how white text looks on a background with the HunterLab color 12.6000, -2.5926, -4.4440.

-4.4440.

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

12.6000, -2.5926, -4.4440

Protanopia

12.7170, 0.0874, -3.2720

Deuteranopia

12.5258, 0.7718, -4.9978



Tritanopia

12.5614, -4.3395, -1.8110

Trichromacy



Original Color

12.6000, -2.5926, -4.4440

Protanomaly

12.6931, -1.1090, -3.7945

Deuteranomaly

12.5256, -0.3851, -5.0185

Tritanomaly

12.6509, -3.8930, -2.5387

Monochromacy



Original Color

12.6000, -2.5926, -4.4440

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.0594, -1.4210, -1.1991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6000, -2.5926, -4.4440 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(18, 36, 46)` looks like.

```
.text, #text, p{  
    color:rgb(18, 36, 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(18, 36, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 36, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6000, -2.5926, -4.4440 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(18, 36, 46) }
```


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

```
.border{ border-color:rgb(18, 36, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 36, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 36, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 36, 46);  
box-shadow:4px 4px 4px 4px rgb(18, 36, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6000, -2.5926, -4.4440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 36, 46) }
```

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

```
.background{ background-color: rgb(18, 36,  
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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