

Converting Colors

HunterLab(12.5730, 1.6440,
-24.2326)

Have a look what the booklet for
HunterLab(12.5730, 1.6440,
-24.2326) contains.

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Color

**HunterLab(13.1296, 2.9294,
-22.7346)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 00234C |
| RGB | 0, 35, 76 |
| RGB Percent | 0%, 14%, 30% |
| CMY | 1.0000, 0.8627, 0.7020 |
| CMYK | 1.00, 0.54, 0.00, 0.70 |
| HSL | 212°, 100%, 15% |
| HSV | 212°, 100%, 30% |
| XYZ | 1.9055, 1.7239, 7.0698 |
| YIQ | 29.2090, -34.0210, 5.3310 |

Conversions

Conversions Part 2

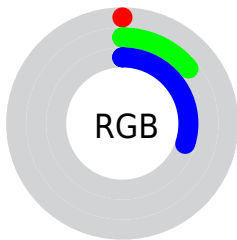
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 24, 76 |
| Decimal | 9036 |
| CIELab | 13.97, 6.67, -28.72 |
| CIELCh | 14, 29.484, 283.071 |
| Yxy | 1.7239, 0.1781, 0.1611 |
| Android (android.graphics.Color) | 4278199116 (0xFF00234C) |
| YUV | 29.2090, 23.0680, -25.6163 |
| Hunter-Lab | 13.1296, 2.9294, -22.7346 |

Details

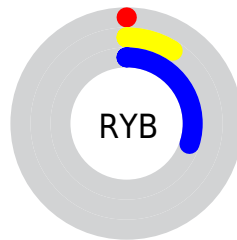
The HunterLab color **13.1296, 2.9294, -22.7346** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **17.6714, 7.1931, 11.0144**, and the grayscale version is **11.0881, -0.5916, 0.6024**.

A 20% lighter version of the original color is **28.2886, 2.8758, -23.1831**, and **3.7729, 6.1257, -17.9394** is the 20% darker color. If you saturate the color by 10%, you get **13.1290, 2.9307, -22.7366**, and if you desaturate by 10%, it is **14.2426, 1.7519, -19.6566**.

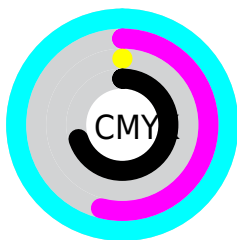
Distribution



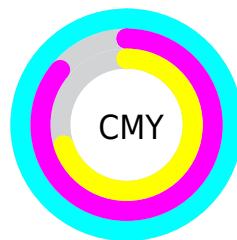
- Red (0%)
- Green (14%)
- Blue (30%)



- Red (0%)
- Yellow (9%)
- Blue (30%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (70%)



- Cyan (100%)
- Magenta (86%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1296, 2.9294, -22.7346 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 13.1296, 2.9294, -22.7346 by changing the saturation by 10% instead.

■ 13.1296, 2.9294,
-22.7346

■ 13.1296, 2.9294,
-22.7346

■ 105.1721, 1.3749,
-26.6668

■ 6.6262, 4.0311,
-26.0230

■ 28.2700, 3.0843,
-23.4753

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 37.1682, 3.0221,
-24.0418

0.0000, NaN, NaN

■ 46.8429, 2.8871,
-24.5997

0.0000, NaN, NaN

■ 57.2363, 2.6884,
-25.1196

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3016, 2.4331,
-25.5893

0.0000, NaN, NaN

■ 80.0003, 2.1263,

0.0000, NaN, NaN

-26.0041

■ 92.2998, 1.7725,
-26.3631

■ 13.1296, 2.9294,
-22.7346

■ 13.1296, 2.9294,
-22.7346

■ 13.1290, 2.9307,
-22.7366

■ 14.2426, 1.7519,
-19.6566

■ 15.3866, 0.6382,
-16.8549

■ 16.6098, -0.2444,
-14.1764

■ 17.9077, -0.9039,
-11.6193

■ 19.2724, -1.3638,
-9.1834

■ 20.6971, -1.6479,
-6.8625

■ 22.1756, -1.7786,
-4.6478

■ 23.7026, -1.7754,
-2.5291

■ 25.2736, -1.6557,
-0.4958

Harmonies

Analogous

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



13.1298, -4.8545, -22.1261



13.1296, 2.9294, -22.7346



13.1298, 11.4245, -14.9192

Triad

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



13.1298, 2.9298, -22.7343



13.1298, 12.4039, 7.9455



13.1298, -12.3596, 4.2769

Complementary

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



13.1296, 2.9294, -22.7346



17.6714, 7.1931, 11.0144

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.



13.1298, -9.5792, 8.3886



13.1296, 2.9294, -22.7346



13.1298, 4.0425, 9.1908

Square

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



13.1298, 2.9298, -22.7343



13.1298, 17.7071, 3.5912



13.1298, -3.9762, 9.1908



13.1298, -12.5301, -3.0089

Rectangle

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



13.1296, 2.9294, -22.7346



13.1298, 15.8550, -7.7021



13.1298, -3.9762, 9.1908



13.1298, -11.7226, 5.8044

Sweetspot

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



13.1298, 2.9298, -22.7343



29.0484, -2.3377, -6.4660



23.0777, -17.3620, 8.6353



14.6590, -1.1841, -3.6555



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.



13.1298, 2.9298, -22.7343



16.8746, 4.7710, -31.3912



7.3369, 19.6724, -50.3887



13.2739, -0.8500, -0.1209



17.2914, 4.9786, -32.3602



39.9096, 16.6321, -85.7875

Inverse Universe

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



12.8762, 22.9910, 1.0149



16.9520, 30.1850, 2.0077



25.6977, -7.6863, 15.6999



13.0914, 0.4618, 0.4482



17.4062, 30.9864, 2.1185



42.1597, 74.6523, 8.2311

Previews

White Background



This preview shows how the HunterLab color 13.1296, 2.9294, -22.7346 looks on a white background.

Color Contrast Check

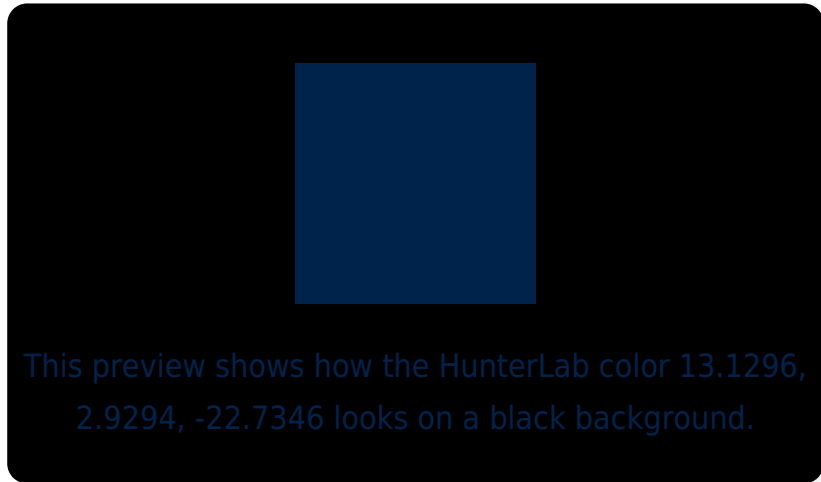
Large Text (above 18pt) WCAG AA ✓ Pass

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

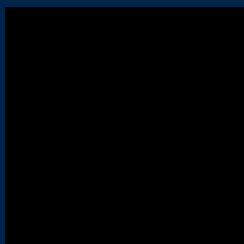
Any Text WCAG AA × Fail

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 13.1296, 2.9294, -22.7346 Background



This preview shows how black text looks on a background with the HunterLab color 13.1296, 2.9294, -22.7346.



This preview shows how white text looks on a background with the HunterLab color 13.1296, 2.9294,

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

13.1296, 2.9294, -22.7346

Protanopia

13.0769, 2.6549, -22.0762

Tritanopia

13.2676, -6.6838, -2.1550

Trichromacy



Original Color

13.1296, 2.9294, -22.7346

Protanomaly

13.0769, 2.6549, -22.0762

Tritanomaly

13.1411, -3.7749, -8.2763

Monochromacy



Original Color

13.1296, 2.9294, -22.7346

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4273, -0.7442, -6.3826

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1296, 2.9294, -22.7346 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(0, 35, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 76)  
}
```

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(0, 35, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1296, 2.9294, -22.7346 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(0, 35, 76) }
```

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

```
.border{ border-color:rgb(0, 35, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 35, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 35, 76); box-shadow:4px  
4px 4px 4px rgb(0, 35, 76) }
```


Background

The CSS property to change the background color of an element to HunterLab 13.1296, 2.9294, -22.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 76) }
```

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

```
.background{ background-color: rgb(0, 35,  
76) }
```

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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