

Converting Colors

HunterLab(11.9340, -2.9163,
-36.3574)

Have a look what the booklet for
HunterLab(11.9340, -2.9163,
-36.3574) contains.

HunterLab(14.1245, 4.8703, -28.1679)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(14.1245, 4.8703,
-28.1679)**

Conversions

Conversions Part 1

Format	Color
Hex	002556
RGB	0, 37, 86
RGB Percent	0%, 15%, 34%
CMY	1.0000, 0.8549, 0.6627
CMYK	1.00, 0.57, 0.00, 0.66
HSL	214°, 100%, 17%
HSV	214°, 100%, 34%
XYZ	2.3413, 1.9950, 9.0658
YIQ	31.5230, -37.7810, 7.3950

Conversions

Conversions Part 2

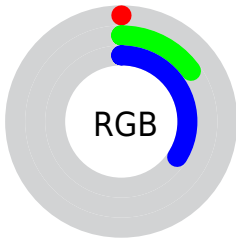
Format	Color
RYB	0, 26, 86
Decimal	9558
CIELab	15.46, 9.87, -33.09
CIELCh	15, 34.531, 286.616
Yxy	1.9951, 0.1747, 0.1489
Android (android.graphics.Color)	4278199638 (0xFF002556)
YUV	31.5230, 26.8572, -27.6457
Hunter-Lab	14.1245, 4.8703, -28.1679

Details

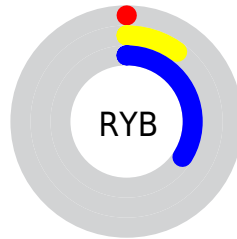
The HunterLab color **14.1245, 4.8703, -28.1679** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **20.4346, 7.3602, 12.7199**, and the grayscale version is **11.7968, -0.6294, 0.6409**.

A 20% lighter version of the original color is **29.5283, 5.3682, -28.4801**, and **4.6725, 7.6985, -22.4591** is the 20% darker color. If you saturate the color by 10%, you get **14.1236, 4.8723, -28.1711**, and if you desaturate by 10%, it is **15.4153, 3.2676, -24.3063**.

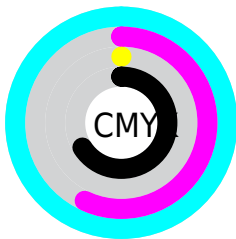
Distribution



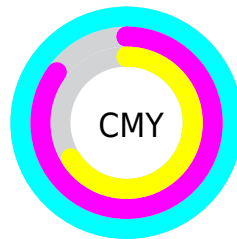
- Red (0%)
- Green (15%)
- Blue (34%)



- Red (0%)
- Yellow (10%)
- Blue (34%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (66%)



- Cyan (100%)
- Magenta (85%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.1245, 4.8703, -28.1679 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 14.1245, 4.8703, -28.1679 by changing the saturation by 10% instead.

■ 14.1245, 4.8703,
-28.1679

■ 14.1245, 4.8703,
-28.1679

■ 107.1445, 4.7582,
-32.4092

■ 7.7756, 5.1184,
-30.2939

■ 29.5484, 5.4193,
-28.6822

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 38.5670, 5.5329,
-29.2653

0.0000, NaN, NaN

■ 48.3526, 5.5626,
-29.8764

0.0000, NaN, NaN

■ 58.8492, 5.5194,
-30.4711

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0115, 5.4116,
-31.0288

0.0000, NaN, NaN

■ 81.8020, 5.2456,

0.0000, NaN, NaN

-31.5401

■ 94.1888, 5.0264,
-32.0007

■ 14.1245, 4.8703,
-28.1679

■ 14.1245, 4.8703,
-28.1679

■ 14.1236, 4.8723,
-28.1711

■ 15.4153, 3.2676,
-24.3063

■ 16.7634, 1.7906,
-20.7782

■ 18.2164, 0.6096,
-17.4198

■ 19.7635, -0.2975,
-14.2392

■ 21.3939, -0.9618,
-11.2333

■ 23.0981, -1.4143,
-8.3910

■ 24.8679, -1.6837,
-5.6967

■ 26.6965, -1.7951,
-3.1342

■ 28.5779, -1.7703,
-0.6871

Harmonies

Analogous

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



14.1247, -4.7470, -28.8304



14.1245, 4.8703, -28.1679



14.1247, 15.1641, -17.1855

Triad

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



14.1247, 4.8709, -28.1675



14.1247, 14.1475, 9.4291



14.1247, -14.5222, 4.2350

Complementary

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



14.1245, 4.8703, -28.1679



20.4346, 7.3602, 12.7199

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.



14.1247, -11.7486, 9.0249



14.1245, 4.8703, -28.1679



14.1247, 3.7377, 9.8873

Square

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



14.1247, 4.8709, -28.1675



14.1247, 21.4160, 4.8971



14.1247, -5.6173, 9.8873



14.1247, -14.3666, -5.1724

Rectangle

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



14.1245, 4.8703, -28.1679



14.1247, 20.2815, -8.0360



14.1247, -5.6173, 9.8873



14.1247, -13.9359, 6.0862

Sweetspot

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



14.1247, 4.8709, -28.1675



32.6330, -2.1995, -7.8877



26.2206, -19.4947, 9.3110



15.8292, -1.0503, -4.3264



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



14.1247, 4.8709, -28.1675



18.1936, 7.4417, -38.8049



8.4207, 22.3946, -56.4085



14.7858, -0.9028, -0.2051



17.3876, 6.9286, -36.6900



39.0730, 21.0874, -94.3596

Inverse Universe

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



14.5333, 25.8049, 2.2668



19.1663, 33.9478, 3.6649



28.9357, -9.5608, 17.6622



14.6030, 0.5439, 0.5350



18.2478, 32.3340, 3.3876



43.0490, 75.9017, 10.9267

Previews

White Background



This preview shows how the HunterLab color 14.1245, 4.8703, -28.1679 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



This preview shows how the HunterLab color 14.1245, 4.8703, -28.1679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

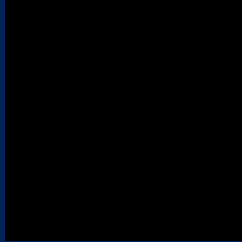
Any Text WCAG AA × Fail

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 14.1245, 4.8703, -28.1679 Background



This preview shows how black text looks on a background with the HunterLab color 14.1245, 4.8703, -28.1679.



This preview shows how white text looks on a background with the HunterLab color 14.1245, 4.8703, -28.1679.

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

14.1245, 4.8703, -28.1679

Protanopia

14.0723, 3.0042, -24.0743

Deuteranopia

14.2410, -1.1265, -15.3682



Tritanopia

14.1655, -6.9745, -2.6497

Trichromacy



Original Color

14.1245, 4.8703, -28.1679

Protanomaly

14.1801, 3.5638, -25.4172

Deuteranomaly

14.2807, 0.7987, -19.5738

Tritanomaly

13.8665, -3.2163, -10.3889

Monochromacy



Original Color

14.1245, 4.8703, -28.1679

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.4125, -0.4336, -7.8774

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.1245, 4.8703, -28.1679 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, 37, 86)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 86)  
}
```

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, 37, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 14.1245, 4.8703, -28.1679 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, 37, 86) }
```


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

```
.border{ border-color:rgb(0, 37, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 86); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 37, 86); box-shadow:4px  
4px 4px 4px rgb(0, 37, 86) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.1245, 4.8703, -28.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 86) }
```

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

```
.background{ background-color: rgb(0, 37,  
86) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor