

Converting Colors

HunterLab(14.9223, 13.1067,
-46.9452)

Have a look what the booklet for
HunterLab(14.9223, 13.1067,
-46.9452) contains.

HunterLab(14.9223, 13.1067, -46.9452)	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(14.9223, 13.1067,
-46.9452)**

Conversions

Conversions Part 1

Format	Color
Hex	00226C
RGB	0, 34, 108
RGB Percent	0%, 13%, 42%
CMY	1.0000, 0.8667, 0.5765
CMYK	1.00, 0.69, 0.00, 0.58
HSL	221°, 100%, 21%
HSV	221°, 100%, 42%
XYZ	3.2788, 2.2268, 14.4443
YIQ	32.2700, -44.0180, 15.8060

Conversions

Conversions Part 2

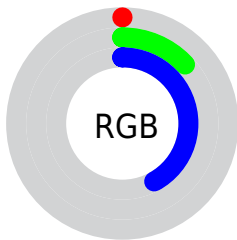
Format	Color
RYB	0, 26, 108
Decimal	8812
CIELab	16.64, 22.10, -45.73
CIELCh	17, 50.794, 295.790
Yxy	2.2268, 0.1644, 0.1116
Android (android.graphics.Color)	4278198892 (0xFF00226C)
YUV	32.2700, 37.3349, -28.3008
Hunter-Lab	14.9223, 13.1067, -46.9452

Details

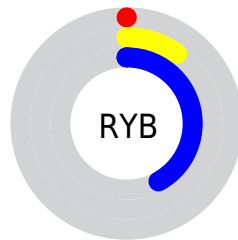
The HunterLab color **14.9223, 13.1067, -46.9452** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **28.4383, 4.4264, 17.6004**, and the grayscale version is **12.0004, -0.6403, 0.6520**.

A 20% lighter version of the original color is **30.6016, 14.9390, -45.3181**, and **5.6193, 15.2424, -39.9276** is the 20% darker color. If you saturate the color by 10%, you get **14.9207, 13.1110, -46.9524**, and if you desaturate by 10%, it is **16.6321, 10.0575, -40.1504**.

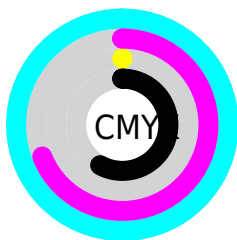
Distribution



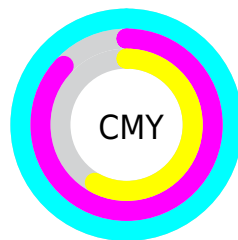
- Red (0%)
- Green (13%)
- Blue (42%)



- Red (0%)
- Yellow (10%)
- Blue (42%)



- Cyan (100%)
- Magenta (69%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (87%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9223, 13.1067, -46.9452 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 14.9223, 13.1067, -46.9452 by changing the saturation by 10% instead.

■ 14.9223, 13.1067,
-46.9452

■ 14.9223, 13.1067,
-46.9452

■ 108.7014, 18.3049,
-50.1792

■ 8.5705, 12.1377,
-51.3368

■ 30.5651, 15.0449,
-45.7288

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.6770, 15.8012,
-46.1112

0.0000, NaN, -NF

■ 49.5487, 16.4407,
-46.7041

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.1256, 16.9780,
-47.3896

0.0000, NaN, NaN

■ 71.3635, 17.4246,
-48.1067

0.0000, NaN, NaN

■ 83.2255, 17.7898,

0.0000, NaN, NaN

-48.8220

95.6805, 18.0811,
-49.5165

14.9223, 13.1067,
-46.9452

14.9223, 13.1067,
-46.9452

14.9207, 13.1110,
-46.9524

16.6321, 10.0575,
-40.1504

18.5173, 7.3018,
-33.8880

20.6018, 5.0091,
-28.0474

22.8539, 3.1428,
-22.6689

25.2472, 1.6469,
-17.7313

■ 27.7606, 0.4635,
-13.1867

■ 30.3774, -0.4594,
-8.9803

■ 33.0842, -1.1657,
-5.0591

■ 35.8705, -1.6916,
-1.3765

Harmonies

Analogous

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



14.9224, -2.7576, -55.6606



14.9223, 13.1067, -46.9452



14.9224, 29.3302, -22.5600

Triad

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



14.9224, 13.1077, -46.9449



14.9224, 17.9647, 10.4457



14.9224, -19.9687, 2.6035

Complementary

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



14.9223, 13.1067, -46.9452



28.4383, 4.4264, 17.6004

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.



14.9224, -17.4424, 10.4115



14.9223, 13.1067, -46.9452



14.9224, 1.2703, 10.4457

Square

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



14.9224, 13.1077, -46.9449



14.9224, 32.7955, 8.6173



14.9224, -10.9527, 10.4457



14.9224, -18.5314, -15.5800

Rectangle

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



14.9223, 13.1067, -46.9452



14.9224, 36.1816, -7.1161



14.9224, -10.9527, 10.4457



14.9224, -19.5549, 5.9022

Sweetspot

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



14.9224, 13.1077, -46.9449



39.9593, -0.5194, -12.3434



33.4918, -23.4767, 8.8189



19.1111, -0.0768, -6.9287



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



14.9224, 13.1077, -46.9449



19.2685, 18.6952, -64.4415



11.0891, 28.7482, -68.5190



17.7940, -0.8547, -0.4955



16.1539, 14.6884, -51.8990



34.4887, 38.5407, -126.3062

Inverse Universe

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



18.1766, 31.7598, 6.8201



24.0419, 41.9332, 9.6377



35.7907, -15.7215, 21.7783



17.6947, 0.6632, 0.8491



19.8388, 34.6452, 7.6203



44.6240, 77.6222, 19.5157

Previews

White Background



This preview shows how the HunterLab color 14.9223, 13.1067, -46.9452 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 14.9223, 13.1067, -46.9452 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

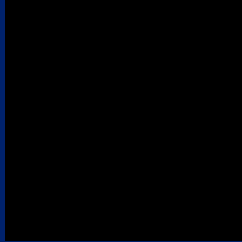
Any Text WCAG AA × Fail

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 14.9223, 13.1067, -46.9452 Background



This preview shows how black text looks on a background with the HunterLab color 14.9223, 13.1067, -46.9452.



This preview shows how white text looks on a background with the HunterLab color 14.9223, 13.1067, -46.9452.

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

14.9223, 13.1067, -46.9452

Protanopia

15.0259, 3.0787, -25.4270

Deuteranopia

15.1518, -1.3436, -16.0381



Tritanopia

15.0443, -7.4358, -2.7524

Trichromacy



Original Color

14.9223, 13.1067, -46.9452

Protanomaly

14.8134, 6.7737, -33.1381

Deuteranomaly

14.7969, 3.5221, -26.0980

Tritanomaly

14.5288, -1.2799, -15.3968

Monochromacy



Original Color

14.9223, 13.1067, -46.9452

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.5007, 1.6552, -12.5440

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9223, 13.1067, -46.9452 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, 34, 108)` looks like.

```
.text, #text, p{  
    color:rgb(0, 34, 108)  
}
```

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, 34, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 34, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9223, 13.1067, -46.9452 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, 34, 108) }
```


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

```
.border{ border-color:rgb(0, 34, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 34, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 34, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 34, 108);  
box-shadow:4px 4px 4px 4px rgb(0, 34, 108)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 14.9223, 13.1067, -46.9452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 34, 108) }
```

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

```
.background{ background-color: rgb(0, 34,  
108) }
```

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