

Converting Colors

HunterLab(4.7235, -1.1069,
-100.5991)

Have a look what the booklet for
HunterLab(4.7235, -1.1069,
-100.5991) contains.

HunterLab(10.1264, 13.3343, -41.4420)	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(10.1264, 13.3343,
-41.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	001153
RGB	0, 17, 83
RGB Percent	0%, 7%, 33%
CMY	1.0000, 0.9333, 0.6745
CMYK	1.00, 0.80, 0.00, 0.67
HSL	228°, 100%, 16%
HSV	228°, 100%, 33%
XYZ	1.7618, 1.0254, 8.2887
YIQ	19.4410, -31.3180, 16.9220

Conversions

Conversions Part 2

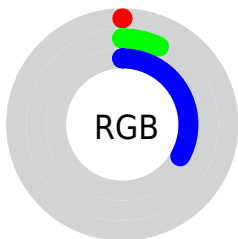
Format	Color
RYB	0, 14, 83
Decimal	4435
CIELab	9.20, 23.70, -41.31
CIELCh	9, 47.627, 299.841
Yxy	1.0255, 0.1591, 0.0926
Android (android.graphics.Color)	4278194515 (0xFF001153)
YUV	19.4410, 31.3346, -17.0498
Hunter-Lab	10.1264, 13.3343, -41.4420

Details

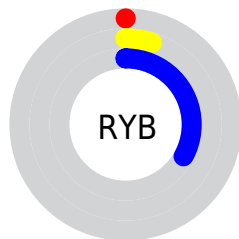
The HunterLab color **10.1264, 13.3343, -41.4420** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **23.9508, -0.8041, 14.7438**, and the grayscale version is **8.1171, -0.4331, 0.4410**.

A 20% lighter version of the original color is **24.3133, 15.5386, -38.8591**, and **4.2070, 7.7272, -21.9392** is the 20% darker color. If you saturate the color by 10%, you get **10.1254, 13.3373, -41.4474**, and if you desaturate by 10%, it is **11.4675, 10.8109, -35.0565**.

Distribution



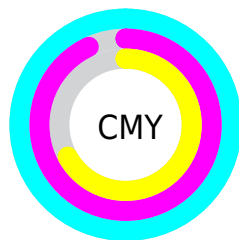
- Red (0%)
- Green (7%)
- Blue (33%)



- Red (0%)
- Yellow (5%)
- Blue (33%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (67%)



- Cyan (100%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.1264, 13.3343, -41.4420 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 10.1264, 13.3343, -41.4420 by changing the saturation by 10% instead.

10.1264, 13.3343,
-41.4420

10.1264, 13.3343,
-41.4420

98.9695, 19.9209,
-43.3460

0.0000, INF, -NF

0.0000, NaN, -NF

24.3246, 15.6661,
-39.2245

0.0000, NaN, -NF

32.8278, 16.6012,
-39.5214

0.0000, NaN, NaN

42.1407, 17.4039,
-40.0703

0.0000, NaN, NaN

0.0000, NaN, NaN

52.1981, 18.0909,
-40.7217

0.0000, NaN, NaN

62.9485, 18.6761,
-41.4040

0.0000, NaN, NaN

0.0000, NaN, NaN

74.3498, 19.1704,

-42.0806

■ 86.3669, 19.5828,
-42.7315

■ 10.1264, 13.3343,
-41.4420

■ 10.1264, 13.3343,
-41.4420

■ 10.1254, 13.3373,
-41.4474

■ 11.4675, 10.8109,
-35.0565

■ 12.9570, 8.3896,
-29.3169

■ 14.6315, 6.3013,
-24.0358

■ 16.4572, 4.5386,
-19.2628

■ 18.4061, 3.0590,
-14.9661

■ 20.4571, 1.8146,
-11.0812

■ 22.5941, 0.7623,
-7.5395

■ 24.8050, -0.1341,
-4.2787

■ 27.0804, -0.9038,
-1.2464

Harmonies

Analogous

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



10.1265, -0.6034, -53.1163



10.1264, 13.3343, -41.4420



10.1265, 27.3409, -17.2876

Triad

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



10.1265, 13.3353, -41.4419



10.1265, 13.4966, 7.0885



10.1265, -17.7213, 0.6106

Complementary

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



10.1264, 13.3343, -41.4420



23.9508, -0.8041, 14.7438

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.



10.1265, -17.7213, 7.0885



10.1264, 13.3343, -41.4420



10.1265, -0.4781, 7.0885

Square

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



10.1265, 13.3353, -41.4419



10.1265, 27.4602, 7.0885



10.1265, -10.8521, 7.0885



10.1265, -17.7213, -17.0402

Rectangle

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



10.1264, 13.3343, -41.4420



10.1265, 32.6831, -4.0206



10.1265, -10.8521, 7.0885



10.1265, -17.7213, 4.0329

Sweetspot

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



10.1265, 13.3353, -41.4419



29.1976, 1.1245, -10.2911



25.6291, -16.6573, 3.9251



14.1673, 0.7104, -5.6326



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



10.1265, 13.3353, -41.4419



12.7856, 18.7355, -56.4254



9.0170, 22.3638, -47.8630



13.8015, -0.5017, -0.4380



12.4982, 18.1522, -54.8071



28.1125, 49.9163, -142.8932

Inverse Universe

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



13.7100, 23.7712, 6.5709



17.8596, 30.9079, 9.0383



26.7045, -13.8070, 16.2130



13.8209, 0.3794, 0.8170



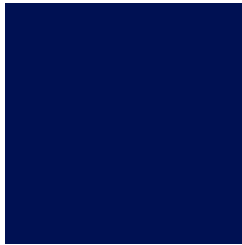
17.4119, 30.1381, 8.7732



41.6816, 71.8833, 23.0398

Previews

White Background



This preview shows how the HunterLab color 10.1264, 13.3343, -41.4420 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

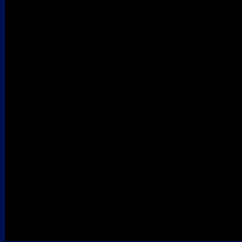
Any Text WCAG AA × Fail

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 10.1264, 13.3343, -41.4420 Background



This preview shows how black text looks on a background with the HunterLab color 10.1264, 13.3343, -41.4420.



This preview shows how white text looks on a background with the HunterLab color 10.1264, 13.3343, -41.4420.

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

10.1264, 13.3343, -41.4420

Protanopia

10.3888, 1.2430, -15.6683

Deuteranopia

10.4904, -1.4491, -9.9840



Tritanopia

10.4392, -5.1965, -1.8303

Trichromacy



Original Color

10.1264, 13.3343, -41.4420

Protanomaly

10.0307, 5.3983, -24.1908

Deuteranomaly

10.1596, 3.1272, -19.4494

Tritanomaly

9.8884, 0.1499, -12.6832

Monochromacy



Original Color

10.1264, 13.3343, -41.4420

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.2337, 2.6274, -10.6538

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.1264, 13.3343, -41.4420 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, 17, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 17, 83)  
}
```

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, 17, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 17, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 10.1264, 13.3343, -41.4420 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, 17, 83) }
```


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

```
.border{ border-color:rgb(0, 17, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 17, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 17, 83); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 17, 83); box-shadow:4px  
4px 4px 4px rgb(0, 17, 83) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.1264, 13.3343, -41.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 17, 83) }
```

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

```
.background{ background-color: rgb(0, 17,  
83) }
```

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