

Converting Colors

HunterLab(9.7545, 5.7667,
-35.3823)

Have a look what the booklet for
HunterLab(9.7545, 5.7667, -35.3823)
contains.

HunterLab(10.6517, 8.3547, -31.3491)	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(10.6517, 8.3547,
-31.3491)**

Conversions

Conversions Part 1

Format	Color
Hex	00174C
RGB	0, 23, 76
RGB Percent	0%, 9%, 30%
CMY	1.0000, 0.9098, 0.7020
CMYK	1.00, 0.70, 0.00, 0.70
HSL	222°, 100%, 15%
HSV	222°, 100%, 30%
XYZ	1.6109, 1.1346, 6.9715
YIQ	22.1650, -30.7210, 11.6070

Conversions

Conversions Part 2

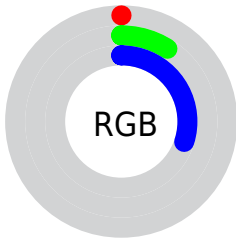
Format	Color
RYB	0, 18, 76
Decimal	5964
CIELab	10.07, 16.08, -35.07
CIELCh	10, 38.582, 294.635
Yxy	1.1346, 0.1658, 0.1168
Android (android.graphics.Color)	4278196044 (0xFF00174C)
YUV	22.1650, 26.5407, -19.4387
Hunter-Lab	10.6517, 8.3547, -31.3491

Details

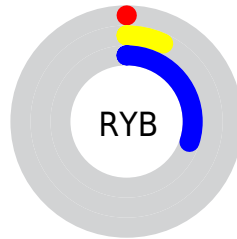
The HunterLab color **10.6517, 8.3547, -31.3491** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **20.2071, 2.2145, 12.4898**, and the grayscale version is **8.9367, -0.4768, 0.4856**.

A 20% lighter version of the original color is **24.9952, 9.9591, -31.2449**, and **3.7729, 6.1257, -17.9394** is the 20% darker color. If you saturate the color by 10%, you get **10.6509, 8.3567, -31.3525**, and if you desaturate by 10%, it is **11.8983, 6.5137, -26.6260**.

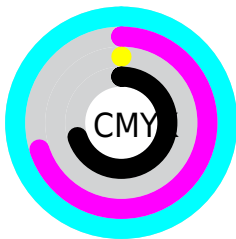
Distribution



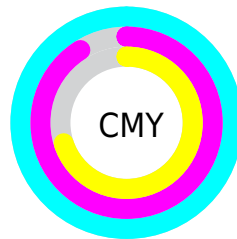
- Red (0%)
- Green (9%)
- Blue (30%)



- Red (0%)
- Yellow (7%)
- Blue (30%)



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



- Cyan (100%)
- Magenta (91%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.6517, 8.3547, -31.3491 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 10.6517, 8.3547, -31.3491 by changing the saturation by 10% instead.

■ 10.6517, 8.3547,
-31.3491

■ 10.6517, 8.3547,
-31.3491

■ 100.0853, 11.5622,
-34.8233

■ 0.8544, 81.9759,
-232.9916

■ 25.0255, 9.8382,
-30.8795

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 33.6017, 10.3611,
-31.3825

0.0000, NaN, NaN

■ 42.9813, 10.7701,
-31.9902

0.0000, NaN, NaN

■ 53.1005, 11.0818,
-32.6195

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.9087, 11.3083,
-33.2318

0.0000, NaN, NaN

■ 75.3646, 11.4591,

0.0000, NaN, NaN

-33.8084

■ 87.4333, 11.5417,
-34.3403

■ 10.6517, 8.3547,
-31.3491

■ 10.6517, 8.3547,
-31.3491

■ 10.6509, 8.3567,
-31.3525

■ 11.8983, 6.5137,
-26.6260

■ 13.2153, 4.7728,
-22.4494

■ 14.6499, 3.3088,
-18.5869

■ 16.1875, 2.1068,
-15.0321

■ 17.8123, 1.1310,
-11.7635

■ 19.5119, 0.3463,
-8.7476

■ 21.2761, -0.2786,
-5.9486

■ 23.0971, -0.7699,
-3.3329

■ 24.9684, -1.1494,
-0.8710

Harmonies

Analogous

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



10.6518, -2.2544, -36.4184



10.6517, 8.3547, -31.3491



10.6518, 19.2618, -15.6075

Triad

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



10.6518, 8.3554, -31.3488



10.6518, 12.4901, 7.4563



10.6518, -16.6056, 2.1063

Complementary

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



10.6517, 8.3547, -31.3491



20.2071, 2.2145, 12.4898

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.



10.6518, -13.7625, 7.4563



10.6517, 8.3547, -31.3491



10.6518, 1.2283, 7.4563

Square

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



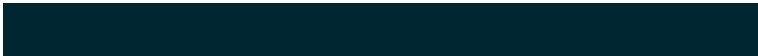
10.6518, 8.3554, -31.3488



10.6518, 22.1861, 6.9610



10.6518, -7.4705, 7.4563



10.6518, -15.2382, -9.7594

Rectangle

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



10.6517, 8.3547, -31.3491



10.6518, 23.9837, -5.2612



10.6518, -7.4705, 7.4563



10.6518, -16.1106, 4.6808

Sweetspot

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



10.6518, 8.3554, -31.3488



27.8169, -0.2825, -8.2657



23.2729, -16.1618, 5.8005



13.9828, -0.0536, -4.6650



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.



10.6518, 8.3554, -31.3488



13.5744, 12.2789, -43.4735



7.8408, 20.0785, -46.5199



13.1359, -0.6210, -0.2890



13.9001, 12.7190, -44.8305



31.6161, 37.0839, -119.5708

Inverse Universe

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



12.6431, 22.1385, 4.3769



16.6501, 29.0796, 6.3732



24.8902, -10.7459, 15.1487



13.0774, 0.3860, 0.6485



17.0967, 29.8531, 6.5949



41.4434, 72.0231, 18.6404

Previews

White Background



This preview shows how the HunterLab color 10.6517, 8.3547, -31.3491 looks on a white background.

Color Contrast Check

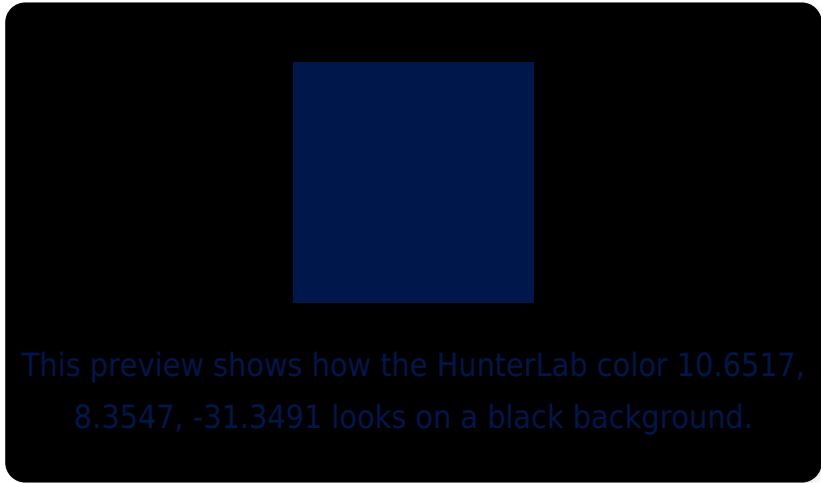
Large Text (above 18pt) WCAG AA ✓ Pass

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

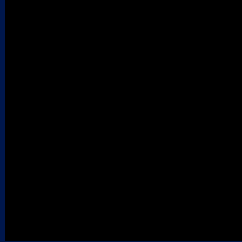
Any Text WCAG AA × Fail

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 10.6517, 8.3547, -31.3491 Background



This preview shows how black text looks on a background with the HunterLab color 10.6517, 8.3547, -31.3491.



This preview shows how white text looks on a background with the HunterLab color 10.6517, 8.3547, -31.3491.

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

10.6517, 8.3547, -31.3491

Protanopia

10.7552, 1.6064, -16.9110

Deuteranopia

10.8054, -1.3687, -10.5511



Tritanopia

10.9691, -5.6471, -1.5198

Trichromacy



Original Color

10.6517, 8.3547, -31.3491

Protanomaly

10.6402, 4.0736, -22.0931

Deuteranomaly

10.5362, 2.0195, -17.5287

Tritanomaly

10.4904, -1.4491, -9.9840

Monochromacy



Original Color

10.6517, 8.3547, -31.3491

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.1343, 1.3277, -8.5666

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.6517, 8.3547, -31.3491 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, 23, 76)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 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, 23, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 76) }
```

Border

The CSS property to change the border of an element to HunterLab 10.6517, 8.3547, -31.3491 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, 23, 76) }
```


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

```
.border{ border-color:rgb(0, 23, 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, 23, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 76); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 23, 76); box-shadow:4px  
4px 4px 4px rgb(0, 23, 76) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.6517, 8.3547, -31.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 76) }
```

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

```
.background{ background-color: rgb(0, 23,  
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](#).

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