

Converting Colors

HunterLab(10.4677, -6.3008,
2.6894)

Have a look what the booklet for
HunterLab(10.4677, -6.3008, 2.6894)
contains.

HunterLab(10.3402, -6.1606, 2.4689)	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(10.3402, -6.1606,
2.4689)**

Conversions

Conversions Part 1

Format	Color
Hex	061F14
RGB	6, 31, 20
RGB Percent	2%, 12%, 8%
CMY	0.9765, 0.8784, 0.9216
CMYK	0.81, 0.00, 0.35, 0.88
HSL	154°, 68%, 7%
HSV	154°, 81%, 12%
XYZ	0.6914, 1.0692, 0.8318
YIQ	22.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

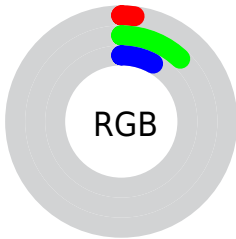
Format	Color
RYB	6, 22, 31
Decimal	401172
CIELab	9.56, -12.87, 4.58
CIELCh	10, 13.655, 160.414
Yxy	1.0692, 0.2667, 0.4125
Android (android.graphics.Color)	4278591252 (0xFF061F14)
YUV	22.2710, -1.1196, -14.2697
Hunter-Lab	10.3402, -6.1606, 2.4689

Details

The HunterLab color **10.3402, -6.1606, 2.4689** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.7975, 7.3112, -0.3094**, and the grayscale version is **9.0440, -0.4826, 0.4914**.

A 20% lighter version of the original color is **24.6131, -8.9805, 4.0310**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **10.2201, -6.6938, 2.7000**, and if you desaturate by 10%, it is **10.4606, -5.6328, 2.2248**.

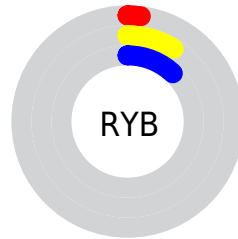
Distribution



Red (2%)

Green (12%)

Blue (8%)



Red (2%)

Yellow (9%)

Blue (12%)

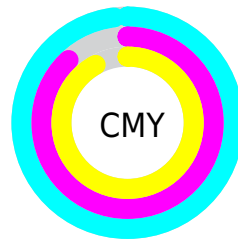


Cyan (81%)

Magenta (0%)

Yellow (35%)

Black (88%)



Cyan (98%)

Magenta (88%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 10.3402, -6.1606, 2.4689 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 10.3402, -6.1606, 2.4689 by changing the saturation by 10% instead.

■ 10.3402, -6.1606,
2.4689

■ 10.3402, -6.1606,
2.4689

■ 99.4257, -18.0468,
9.7353

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 24.6107, -8.9955,
3.9587

0.0000, NaN, NaN

■ 33.1438, -10.3552,
4.7274

0.0000, NaN, NaN

■ 42.4841, -11.6728,
5.5117

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 52.5668, -12.9649,
6.3145

0.0000, NaN, NaN


■ 63.3409, -14.2423,
7.1377


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 74.7646, -15.5120,

7.9820


 86.8028, -16.7790,
8.8478


 10.3402, -6.1606,
2.4689


 10.3402, -6.1606,
2.4689


 10.2201, -6.6938,
2.7000


 10.4606, -5.6328,
2.2248

 10.1075, -7.1976,
2.9041

 10.5849, -5.0935,
1.9722

 10.7259, -4.4952,
1.7258

 10.8843, -3.8375,
1.4879

 11.0602, -3.1235,
1.2601

■ 11.2533, -2.3568,
1.0435

■ 11.4636, -1.5414,
0.8392

■ 11.6906, -0.6814,
0.6479

■ 11.9340, 0.2191,
0.4701

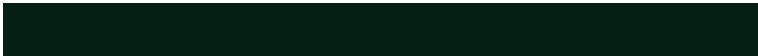
Harmonies

Analogous

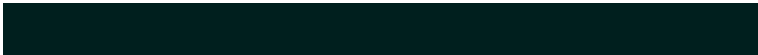
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10.3404, -4.4699, 4.8018



10.3402, -6.1606, 2.4689



10.3404, -6.3989, -0.6231

Triad

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



10.3404, -6.1607, 2.4690



10.3404, 0.6537, -7.5911



10.3404, 4.8989, 4.1828

Complementary

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



10.3402, -6.1606, 2.4689



6.7975, 7.3112, -0.3094

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.



10.3404, 6.6788, 1.6231



10.3402, -6.1606, 2.4689



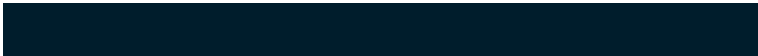
10.3404, 4.0266, -5.3654

Square

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



10.3404, -6.1607, 2.4690



10.3404, -2.6498, -7.1580



10.3404, 6.3405, -1.7413



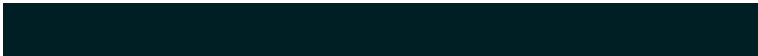
10.3404, 1.7270, 5.7913

Rectangle

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



10.3402, -6.1606, 2.4689



10.3404, -5.7018, -3.0979



10.3404, 6.3405, -1.7413



10.3404, 5.6972, 3.4052

Sweetspot

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



10.3404, -6.1607, 2.4690



14.1206, -3.5074, 1.4651



10.5577, -5.6511, 5.4390



8.0922, -1.9520, 0.8228



54.3783, -2.9015, 2.9545



8.4820, -0.4526, 0.4608

Same Dimension

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



10.3404, -6.1607, 2.4690



12.8195, -9.0682, 3.8970



10.2647, -4.3916, -1.2399



6.8931, -0.7665, 0.4657



24.0480, -17.8916, 8.5650



67.5730, -51.3230, 26.3314

Inverse Universe

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



6.7975, 7.3112, -0.3094



7.3463, 12.2744, -0.1009



6.7961, 5.8797, 2.7873



6.6704, 0.0528, 0.2766



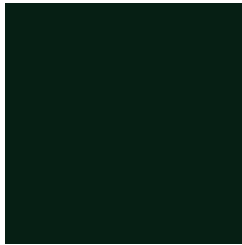
13.3584, 23.7755, 1.6649



37.3551, 65.9883, 8.5053

Previews

White Background



This preview shows how the HunterLab color 10.3402, -6.1606, 2.4689 looks on a white background.

Color Contrast Check

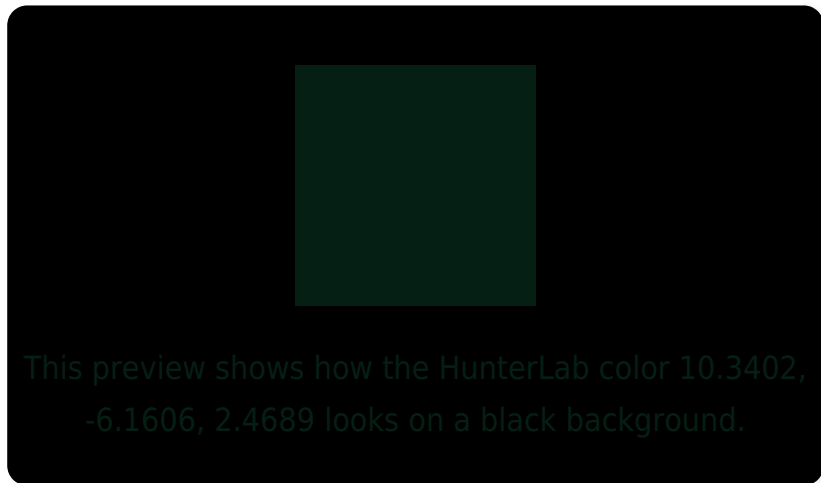
Large Text (above 18pt) WCAG AA ✓ Pass

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

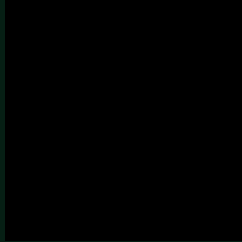
Any Text WCAG AA × Fail

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 10.3402, -6.1606, 2.4689 Background



This preview shows how black text looks on a background with the HunterLab color 10.3402, -6.1606, 2.4689.



This preview shows how white text looks on a background with the HunterLab color 10.3402, -6.1606,

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

10.3402, -6.1606, 2.4689

Protanopia

10.4343, -1.0194, 3.1600

Deuteranopia

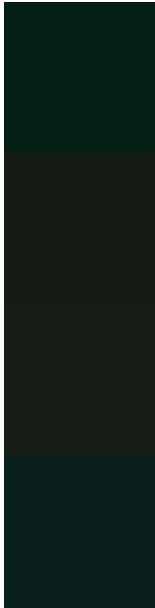
10.4881, 0.3740, 2.4586



Tritanopia

10.5404, -3.6005, -1.2547

Trichromacy



Original Color

10.3402, -6.1606, 2.4689

Protanomaly

10.1831, -3.0600, 2.6341

Deuteranomaly

10.3286, -2.4528, 2.2489

Tritanomaly

10.3775, -4.4163, 0.0405

Monochromacy



Original Color

10.3402, -6.1606, 2.4689

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.2713, -2.8116, 1.1266

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 10.3402, -6.1606, 2.4689 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(6, 31, 20)` looks like.

```
.text, #text, p{  
    color:rgb(6, 31, 20)  
}
```

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(6, 31, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 31, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 10.3402, -6.1606, 2.4689 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(6, 31, 20) }
```


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

```
.border{ border-color:rgb(6, 31, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 31, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 31, 20); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 31, 20); box-shadow:4px  
4px 4px 4px rgb(6, 31, 20) }
```

Background

The CSS property to change the background color of an element to HunterLab 10.3402, -6.1606, 2.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 31, 20) }
```

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

```
.background{ background-color: rgb(6, 31,  
20) }
```

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