

Converting Colors

HunterLab(15.9834, -10.6983,
9.6616)

Have a look what the booklet for
HunterLab(15.9834, -10.6983,
9.6616) contains.

HunterLab(15.9681, -10.7609, 9.6511)	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(15.9681,
-10.7609, 9.6511)**

Conversions

Conversions Part 1

Format	Color
Hex	173300
RGB	23, 51, 0
RGB Percent	9%, 20%, 0%
CMY	0.9098, 0.8000, 1.0000
CMYK	0.55, 0.00, 1.00, 0.80
HSL	93°, 100%, 10%
HSV	93°, 100%, 20%
XYZ	1.5372, 2.5498, 0.4111
YIQ	36.8140, -0.3170, -21.7970

Conversions

Conversions Part 2

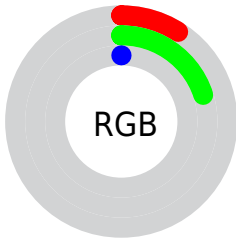
Format	Color
RYB	0, 51, 28
Decimal	1520384
CIELab	18.14, -20.72, 25.40
CIELCh	18, 32.780, 129.209
Yxy	2.5499, 0.3417, 0.5669
Android (android.graphics.Color)	4279710464 (0xFF173300)
YUV	36.8140, -18.1493, -12.1149
Hunter-Lab	15.9681, -10.7609, 9.6511

Details

The HunterLab color **15.9681, -10.7609, 9.6511** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **6.9711, 15.3661, -22.0742**, and the grayscale version is **13.5986, -0.7256, 0.7388**.

A 20% lighter version of the original color is **31.9465, -14.9223, 14.4329**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.9684, -10.7614, 9.6513**, and if you desaturate by 10%, it is **16.1119, -10.1070, 9.2121**.

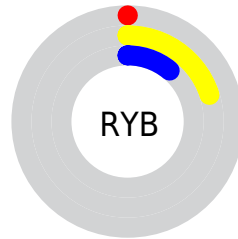
Distribution



Red (9%)

Green (20%)

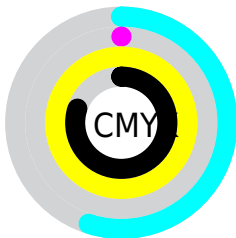
Blue (0%)



Red (0%)

Yellow (20%)

Blue (11%)

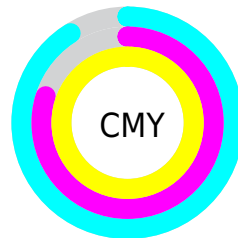


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (91%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9681, -10.7609, 9.6511 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 15.9681, -10.7609, 9.6511 by changing the saturation by 10% instead.

■ 15.9681, -10.7609,
9.6511

■ 15.9681, -10.7609,
9.6511

■ 110.7122,
-26.9010, 28.5705

■ 9.4950, -10.0186,
6.6465

■ 31.8878, -14.8727,
14.3818

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.1183, -16.7357,
16.6487

0.0000, NaN, NaN

■ 51.0995, -18.5236,
18.7967

0.0000, NaN, NaN

■ 61.7787, -20.2583,
20.8569

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1129, -21.9543,
22.8508

0.0000, NaN, NaN

■ 85.0662, -23.6220,

0.0000, NaN, NaN

24.7938

■ 97.6081, -25.2690,
26.6974

■ 15.9681, -10.7609,
9.6511

■ 15.9681, -10.7609,
9.6511

■ 15.9684, -10.7614,
9.6513

■ 16.1119, -10.1070,
9.2121

■ 16.2651, -9.4207,
8.7897

■ 16.4337, -8.6704,
8.3031

■ 16.6229, -7.8277,
7.6779

■ 16.8329, -6.8940,
6.9113

■ 17.0638, -5.8717,
6.0026

■ 17.3157, -4.7640,
4.9528

■ 17.5884, -3.5749,
3.7645

■ 17.8816, -2.3088,
2.4414

Harmonies

Analogous

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



15.9684, -3.6481, 11.1779



15.9681, -10.7609, 9.6511



15.9684, -14.4977, 5.8533

Triad

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



15.9684, -10.7612, 9.6512



15.9684, -6.7841, -25.0663



15.9684, 21.2340, 3.3870

Complementary

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



15.9681, -10.7609, 9.6511



6.9711, 15.3661, -22.0742

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.



15.9684, 19.8405, -6.5313



15.9681, -10.7609, 9.6511



15.9684, 2.1489, -27.1859

Square

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



15.9684, -10.7612, 9.6512



15.9684, -12.5984, -14.2991



15.9684, 12.2782, -19.0599



15.9684, 15.7345, 8.4370

Rectangle

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



15.9681, -10.7609, 9.6511



15.9684, -15.2222, 1.1050



15.9684, 12.2782, -19.0599



15.9684, 21.5795, 0.6297

Sweetspot

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



15.9684, -10.7612, 9.6512



22.2600, -6.3705, 6.6070



12.2350, 4.2930, 7.6142



11.7413, -3.4163, 3.5392



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.9684, -10.7612, 9.6512



20.5087, -14.1465, 12.3897



15.3996, -13.1187, 9.0714



9.8687, -1.1427, 1.2067



27.6451, -19.4657, 16.6940



72.1660, -52.6856, 43.5460

Inverse Universe

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



6.9711, 15.3661, -22.0742



8.8274, 19.6133, -29.1483



9.6341, 18.8262, -11.8220



9.3898, 0.1328, -0.1992



11.7410, 26.2856, -40.3104



29.8649, 67.8753, -110.3953

Previews

White Background



This preview shows how the HunterLab color 15.9681, -10.7609, 9.6511 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

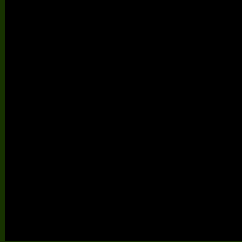
Any Text WCAG AA × Fail

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 15.9681, -10.7609, 9.6511 Background



This preview shows how black text looks on a background with the HunterLab color 15.9681, -10.7609, 9.6511.



This preview shows how white text looks on a background with the HunterLab color 15.9681,

-10.7609, 9.6511.

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

15.9681, -10.7609, 9.6511

Protanopia

15.9840, -2.8031, 9.8002

Deuteranopia

15.8772, 0.5379, 8.6105



Tritanopia

15.9627, -3.8985, -1.8652

Trichromacy



Original Color

15.9681, -10.7609, 9.6511

Protanomaly

15.7612, -6.1593, 9.6041

Deuteranomaly

15.5807, -4.1764, 8.7627

Tritanomaly

15.6563, -7.2224, 4.3460

Monochromacy



Original Color

15.9681, -10.7609, 9.6511

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.2441, -5.0210, 5.0923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9681, -10.7609, 9.6511 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(23, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 51, 0)  
}
```

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(23, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9681, -10.7609, 9.6511 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(23, 51, 0) }
```


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

```
.border{ border-color:rgb(23, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 51, 0); box-shadow:4px  
4px 4px 4px rgb(23, 51, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9681, -10.7609, 9.6511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 51, 0) }
```

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

```
.background{ background-color: rgb(23, 51,  
0) }
```

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](#).

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