

Converting Colors

HunterLab(59.4736, -23.7661,
36.2313)

Have a look what the booklet for
HunterLab(59.4736, -23.7661,
36.2313) contains.

HunterLab(59.5161, -23.8481, 36.2561)	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(59.5161,
-23.8481, 36.2561)**

Conversions

Conversions Part 1

Format	Color
Hex	94AB00
RGB	148, 171, 0
RGB Percent	58%, 67%, 0%
CMY	0.4196, 0.3294, 0.9999
CMYK	0.13, 0.00, 1.00, 0.33
HSL	68°, 100%, 34%
HSV	68°, 100%, 67%
XYZ	26.7756, 35.4217, 5.4258
YIQ	144.6290, 41.1830, -58.0570

Conversions

Conversions Part 2

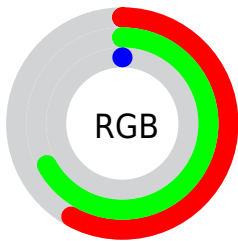
Format	Color
RYB	0, 171, 23
Decimal	9743104
CIELab	66.08, -26.01, 67.91
CIElCh	66, 72.720, 110.954
Yxy	35.4233, 0.3959, 0.5238
Android (android.graphics.Color)	4287933184 (0xFF94AB00)
YUV	144.6290, -71.3021, 2.9564
Hunter-Lab	59.5161, -23.8481, 36.2561

Details

The HunterLab color $59.5161, -23.8481, 36.2561$ is a dark color, and the websafe version is hex 999900 . A complement of this color would be $17.6724, 46.8981, -117.5563$, and the grayscale version is $53.3297, -2.8455, 2.8975$.

A 20% lighter version of the original color is $82.4841, -27.5870, 45.4286$, and $39.3306, -18.8581, 23.9052$ is the 20% darker color. If you saturate the color by 10%, you get $59.5173, -23.8506, 36.2567$, and if you desaturate by 10%, it is $59.7334, -22.9572, 35.8745$.

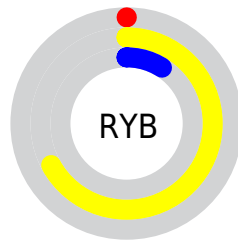
Distribution



Red (58%)

Green (67%)

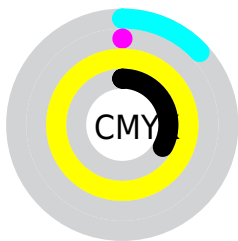
Blue (0%)



Red (0%)

Yellow (67%)

Blue (9%)

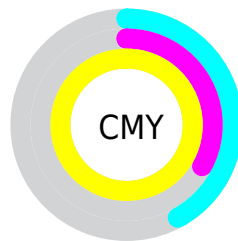


Cyan (13%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (42%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.5161, -23.8481, 36.2561 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 59.5161, -23.8481, 36.2561 by changing the saturation by 10% instead.

■ 59.5161, -23.8481,
36.2561

■ 59.5161, -23.8481,
36.2561

180.6745,
-40.7751, 72.9946

■ 48.9787, -21.7852,
31.3356

■ 82.5475, -27.8031,
45.4401

■ 39.1479, -19.6353,
26.1824

■ 94.9702, -29.7178,
49.7536

■ 30.0802, -17.3684,
21.0561

■ 107.9601,
-31.6033, 53.9129

■ 21.8463, -14.9336,
15.2924

■ 121.4936,
-33.4659, 57.9378

■ 14.5412, -12.2432,
10.1789

■ 135.5496,
-35.3107, 61.8450

■ 8.2021, -14.2539,
5.7415

■ 150.1094,

0.0000, NaN, NaN

-37.1417, 65.6490

0.0000, NaN, NaN

165.1561,
-38.9623, 69.3621

0.0000, NaN, NaN

■ 59.5161, -23.8481,
36.2561

■ 59.5161, -23.8481,
36.2561

■ 59.5173, -23.8506,
36.2567

■ 59.7334, -22.9572,
35.8745

■ 59.9814, -21.8880,
35.0650

■ 60.2727, -20.5792,
33.6626

■ 60.6121, -19.0068,
31.6013

■ 61.0032, -17.1535,
28.8317

■ 61.4490, -15.0075,
25.3178

■ 61.9518, -12.5612,
21.0346

■ 62.5133, -9.8111,
15.9670

■ 63.1350, -6.7572,
10.1088

Harmonies

Analogous

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



59.5175, 6.9314, 37.0719



59.5161, -23.8481, 36.2561



59.5175, -44.2290, 29.7780

Triad

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



59.5175, -23.8499, 36.2564



59.5175, -37.5443, -63.5653



59.5175, 71.6416, -6.8465

Complementary

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



59.5161, -23.8481, 36.2561



17.6724, 46.8981, -117.5563

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.



59.5175, 53.3113, -47.4569



59.5161, -23.8481, 36.2561



59.5175, -12.6564, -89.9651

Square

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



59.5175, -23.8499, 36.2564



59.5175, -50.8806, -22.0742



59.5175, 20.7658, -82.8691



59.5175, 66.8475, 20.7681

Rectangle

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



59.5161, -23.8481, 36.2561



59.5175, -51.3422, 19.5092



59.5175, 20.7658, -82.8691



59.5175, 67.8568, -19.5128

Sweetspot

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



59.5175, -23.8499, 36.2564



82.8673, -16.9964, 28.4845



30.4365, 47.0117, 19.5771



38.9990, -8.6781, 14.6081



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



59.5175, -23.8499, 36.2564



79.6051, -32.0805, 48.4907



54.9315, -42.2038, 33.1092



30.4545, -3.1521, 4.6675



51.6904, -20.6463, 31.4899



8.7068, -3.1187, 5.3105

Inverse Universe

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



17.6724, 46.8981, -117.5563



23.5364, 62.6795, -158.2208



24.7956, 54.3184, -75.9015



27.9410, 0.1374, -1.7779



15.3877, 40.7560, -101.7157



2.8563, 7.0503, -14.8882

Previews

White Background



This preview shows how the HunterLab color 59.5161, -23.8481, 36.2561 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.5161, -23.8481, 36.2561 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.5161, -23.8481, 36.2561 Background



This preview shows how black text looks on a background with the HunterLab color 59.5161, -23.8481, 36.2561.



This preview shows how white text looks on a background with the HunterLab color 59.5161, -23.8481, 36.2561.

-23.8481, 36.2561.

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

59.5161, -23.8481, 36.2561

Protanopia

59.4252, -8.4711, 36.4692

Deuteranopia

59.2467, 4.1989, 35.4178



Tritanopia

59.4253, -0.5239, -1.8320

Trichromacy



Original Color

59.5161, -23.8481, 36.2561

Protanomaly

59.4519, -14.5165, 36.3798

Deuteranomaly

58.9788, -6.9738, 35.6451

Tritanomaly

58.6229, -12.5595, 21.2706

Monochromacy



Original Color

59.5161, -23.8481, 36.2561

Achromatopsia

53.2117, -2.8392, 2.8911

Achromatomaly

54.7676, -13.2499, 22.5543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.5161, -23.8481, 36.2561 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(148, 171, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 171, 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(148, 171, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 171, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 59.5161, -23.8481, 36.2561 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(148, 171, 0) }
```


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

```
.border{ border-color:rgb(148, 171, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 171, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 171, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 171, 0);  
box-shadow:4px 4px 4px 4px rgb(148, 171,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.5161, -23.8481, 36.2561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 171, 0) }
```

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

```
.background{ background-color: rgb(148,  
171, 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](#).

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