

Converting Colors

HunterLab(23.7846, -14.8803,
6.6615)

Have a look what the booklet for
HunterLab(23.7846, -14.8803,
6.6615) contains.

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Color

**HunterLab(23.9352,
-15.0035, 6.7279)**

Conversions

Conversions Part 1

Format	Color
Hex	174D33
RGB	23, 77, 51
RGB Percent	9%, 30%, 20%
CMY	0.9098, 0.6980, 0.8000
CMYK	0.70, 0.00, 0.34, 0.70
HSL	151°, 54%, 20%
HSV	151°, 70%, 30%
XYZ	3.6048, 5.7289, 4.0478
YIQ	57.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

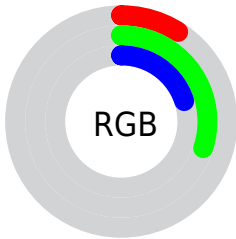
Format	Color
R_{YB}	23, 59, 77
Decimal	1527091
CIE _{Lab}	28.72, -24.76, 10.35
CIE _{LCh}	29, 26.837, 157.313
Yxy	5.7292, 0.2694, 0.4281
Android (android.graphics.Color)	4279717171 (0xFF174D33)
YUV	57.8900, -3.3968, -30.5985
Hunter-Lab	23.9352, -15.0035, 6.7279

Details

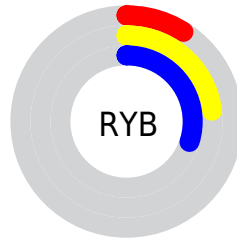
The HunterLab color **23.9352, -15.0035, 6.7279** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **15.5321, 17.8864, -1.2089**, and the grayscale version is **20.5497, -1.0965, 1.1165**.

A 20% lighter version of the original color is **41.7831, -19.7423, 9.3532**, and **10.4817, -8.6149, 5.4958** is the 20% darker color. If you saturate the color by 10%, you get **23.7059, -16.0726, 7.5221**, and if you desaturate by 10%, it is **24.2234, -13.7057, 5.9290**.

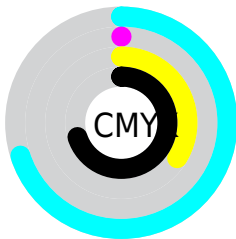
Distribution



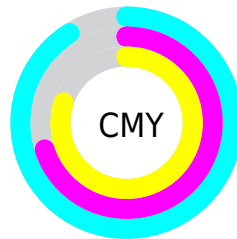
- Red (9%)
- Green (30%)
- Blue (20%)



- Red (9%)
- Yellow (23%)
- Blue (30%)



- Cyan (70%)
- Magenta (0%)
- Yellow (34%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.9352, -15.0035, 6.7279 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 23.9352, -15.0035, 6.7279 by changing the saturation by 10% instead.

■ 23.9352, -15.0035,
6.7279

■ 23.9352, -15.0035,
6.7279

125.1568,
-32.7056, 17.1401

■ 16.3741, -12.5081,
5.4813

■ 41.6732, -19.4308,
9.0821

■ 9.8367, -11.5353,
4.9130

■ 51.6959, -21.4747,
10.2293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.4139, -23.4461,
11.3705

0.0000, NaN, NaN

■ 73.7847, -25.3634,
12.5116

0.0000, NaN, NaN

■ 85.7727, -27.2395,
13.6567

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.3476, -29.0841,

111.4834,
-30.9042, 15.9691

23.9352, -15.0035,
6.7279

23.9352, -15.0035,
6.7279

23.7059, -16.0726,
7.5221

24.2234, -13.7057,
5.9290

23.5282, -16.9275,
8.2993

24.5712, -12.1792,
5.1339

23.3681, -17.7053,
9.0127

24.9807, -10.4310,
4.3514

25.4522, -8.4720,
3.5892

25.9855, -6.3168,
2.8544

■ 26.5799, -3.9822,
2.1526

■ 27.2339, -1.4866,
1.4884

■ 27.9459, 1.1514,
0.8654

■ 28.7138, 3.9135,
0.2858

Harmonies

Analogous

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



23.9357, -10.7169, 10.9111



23.9352, -15.0035, 6.7279



23.9357, -15.8860, -0.8434

Triad

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



23.9357, -15.0038, 6.7281



23.9357, 0.9192, -20.8625



23.9357, 13.7610, 9.1652

Complementary

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



23.9352, -15.0035, 6.7279



15.5321, 17.8864, -1.2089

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.



23.9357, 17.9758, 3.2672



23.9352, -15.0035, 6.7279



23.9357, 9.8956, -15.4106

Square

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



23.9357, -15.0038, 6.7281



23.9357, -7.4755, -18.8767



23.9357, 16.4675, -5.7933



23.9357, 5.6213, 11.9208

Rectangle

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



23.9352, -15.0035, 6.7279



23.9357, -14.5618, -7.3464



23.9357, 16.4675, -5.7933



23.9357, 15.7337, 7.5871

Sweetspot

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



23.9357, -15.0038, 6.7281



33.7354, -8.7032, 3.8718



24.5466, -13.2858, 12.9347



17.2420, -4.6712, 2.0539



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.



23.9357, -15.0038, 6.7281



30.7192, -21.7295, 10.5030



24.2918, -11.0279, -2.3622



13.7095, -1.8621, 1.0546



31.2390, -23.8618, 12.4647



75.9260, -58.8443, 32.1271

Inverse Universe

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



15.5321, 17.8864, -1.2089



18.2562, 27.6553, -0.4735



15.1292, 15.2898, 6.4132



13.0933, 0.4720, 0.4213



17.4570, 31.1714, 1.3915



42.2814, 75.0967, 6.4802

Previews

White Background



This preview shows how the HunterLab color 23.9352, -15.0035, 6.7279 looks on a white background.

Color Contrast Check

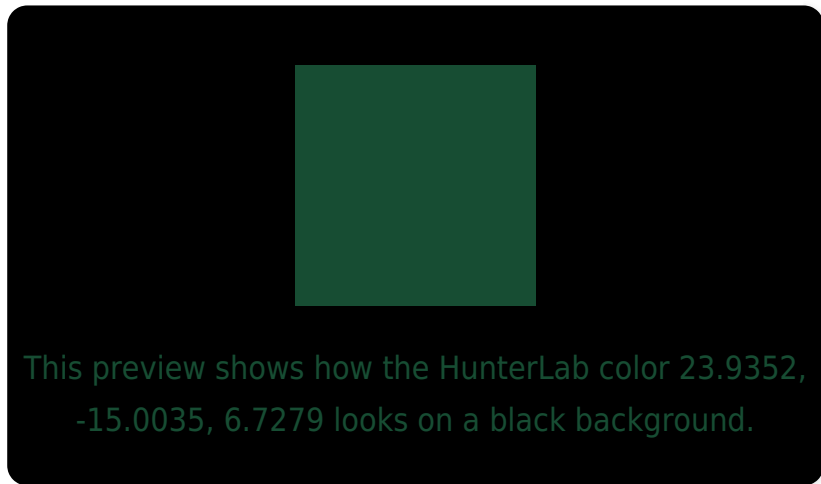
Large Text (above 18pt) WCAG AA ✓ Pass

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

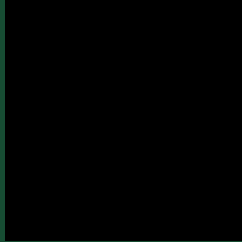
Any Text WCAG AA × Fail

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 23.9352, -15.0035, 6.7279 Background



This preview shows how black text looks on a background with the HunterLab color 23.9352, -15.0035, 6.7279.



This preview shows how white text looks on a background with the HunterLab color 23.9352,

-15.0035, 6.7279.

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

23.9352, -15.0035, 6.7279

Protanopia

23.9916, -2.3453, 8.0963

Deuteranopia

23.8939, 1.3697, 6.0872



Tritanopia

23.8111, -8.2836, -3.8917

Trichromacy



Original Color

23.9352, -15.0035, 6.7279

Protanomaly

23.5204, -8.0547, 7.3033

Deuteranomaly

23.3304, -5.8301, 5.7145

Tritanomaly

23.6712, -10.8211, 0.2944

Monochromacy



Original Color

23.9352, -15.0035, 6.7279

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.4810, -7.1610, 3.1348

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.9352, -15.0035, 6.7279 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, 77, 51)` looks like.

```
.text, #text, p{  
    color:rgb(23, 77, 51)  
}
```

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, 77, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 77, 51) }
```

Border

The CSS property to change the border of an element to HunterLab 23.9352, -15.0035, 6.7279 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, 77, 51) }
```


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

```
.border{ border-color:rgb(23, 77, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 77, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 77, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 77, 51);  
box-shadow:4px 4px 4px 4px rgb(23, 77, 51)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.9352, -15.0035, 6.7279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 77, 51) }
```

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

```
.background{ background-color: rgb(23, 77,  
51) }
```

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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