

Converting Colors

HunterLab(15.2731, 34.2222,
-52.6618)

Have a look what the booklet for
HunterLab(15.2731, 34.2222,
-52.6618) contains.

HunterLab(15.2571, 34.2410, -53.0297)	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(15.2571, 34.2410,
-53.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	400073
RGB	64, 0, 115
RGB Percent	25%, 0%, 45%
CMY	0.7490, 1.0000, 0.5490
CMYK	0.44, 1.00, 0.00, 0.55
HSL	273°, 100%, 23%
HSV	273°, 100%, 45%
XYZ	5.2089, 2.3278, 16.3944
YIQ	32.2460, 1.2290, 49.3330

Conversions

Conversions Part 2

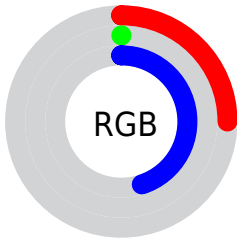
Format	Color
RYB	64, 0, 115
Decimal	4194419
CIELab	17.12, 47.16, -49.29
CIELCh	17, 68.218, 313.731
Yxy	2.3279, 0.2177, 0.0973
Android (android.graphics.Color)	4282384499 (0xFF400073)
YUV	32.2460, 40.7977, 27.8483
Hunter-Lab	15.2571, 34.2410, -53.0297

Details

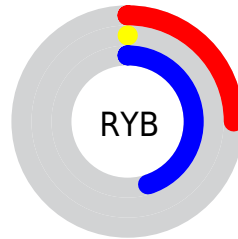
The HunterLab color **15.2571, 34.2410, -53.0297** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.0073, -25.8532, 21.7349**, and the grayscale version is **11.9715, -0.6388, 0.6504**.

A 20% lighter version of the original color is **30.9919, 37.9302, -51.1106**, and **6.6221, 17.2803, -41.7651** is the 20% darker color. If you saturate the color by 10%, you get **15.2574, 34.2413, -53.0287**, and if you desaturate by 10%, it is **16.6064, 32.0083, -47.1161**.

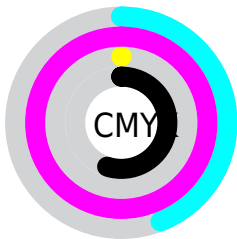
Distribution



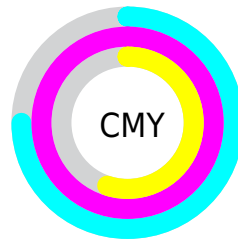
- Red (25%)
- Green (0%)
- Blue (45%)



- Red (25%)
- Yellow (0%)
- Blue (45%)



- Cyan (44%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (75%)
- Magenta (100%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2571, 34.2410, -53.0297 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 15.2571, 34.2410, -53.0297 by changing the saturation by 10% instead.

15.2571, 34.2410,
-53.0297

15.2571, 34.2410,
-53.0297

109.3489, 48.1393,
-55.5288

8.8792, 32.8382,
-58.1971

30.9899, 37.9790,
-51.1199

0.0000, INF, -NF

0.0000, NaN, -NF

40.1402, 39.7586,
-51.3837

0.0000, NaN, -NF

50.0474, 41.4260,
-51.9238

0.0000, NaN, NaN

0.0000, NaN, NaN

60.6574, 42.9782,
-52.5970

0.0000, NaN, NaN

71.9264, 44.4192,
-53.3281

0.0000, NaN, NaN

83.8180, 45.7552,

0.0000, NaN, NaN

-54.0750

■ 96.3011, 46.9930,
-54.8135

■ 15.2571, 34.2410,
-53.0297

■ 15.2571, 34.2410,
-53.0297

■ 15.2574, 34.2413,
-53.0287

■ 16.6064, 32.0083,
-47.1161

■ 18.2057, 29.3260,
-41.0906

■ 20.2136, 25.8278,
-34.6676

■ 22.5725, 21.8922,
-28.3110

■ 25.2240, 17.7825,
-22.2709

■ 28.1170, 13.6491,
-16.6378

■ 31.2105, 9.5654,
-11.4131

■ 34.4722, 5.5595,
-6.5579

■ 37.8771, 1.6366,
-2.0208

Harmonies

Analogous

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



15.2574, 9.0293, -88.6424



15.2571, 34.2410, -53.0297



15.2574, 53.6432, -12.7372

Triad

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



15.2574, 34.2413, -53.0287



15.2574, 11.0344, 10.6802



15.2574, -24.5494, -10.1480

Complementary

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



15.2571, 34.2410, -53.0297



36.0073, -25.8532, 21.7349

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.



15.2574, -24.3260, 7.8524



15.2571, 34.2410, -53.0297



15.2574, -8.6613, 10.6802

Square

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



15.2574, 34.2413, -53.0287



15.2574, 36.3219, 10.6802



15.2574, -19.0911, 10.6802



15.2574, -19.7015, -49.2662

Rectangle

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



15.2571, 34.2410, -53.0297



15.2574, 56.6750, 2.9533



15.2574, -19.0911, 10.6802



15.2574, -25.0649, -1.6494

Sweetspot

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



15.2574, 34.2413, -53.0287



41.4297, 13.2275, -15.8052



19.1613, 6.6313, -38.2649



19.5492, 7.3495, -8.8398



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



15.2574, 34.2413, -53.0287



20.2212, 45.5906, -71.9020



21.8045, 42.4292, -25.3544



19.1858, 0.6376, -0.8067



16.2738, 36.5645, -56.8879



35.2018, 79.8731, -129.1033

Inverse Universe

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



19.7075, 34.9623, 3.3339



26.3224, 46.6046, 5.1742



35.0344, -29.9136, 20.7849



19.3012, 0.8588, 0.6558



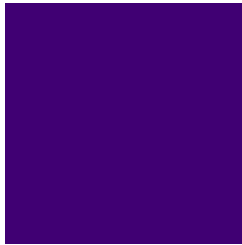
21.0614, 37.3453, 3.7098



46.3134, 81.7825, 10.7834

Previews

White Background



This preview shows how the HunterLab color 15.2571, 34.2410, -53.0297 looks on a white background.

Color Contrast Check

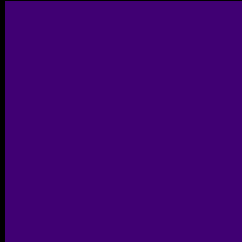
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 15.2571, 34.2410, -53.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

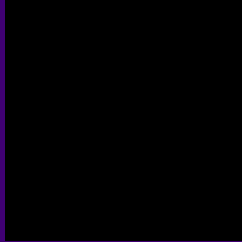
Any Text WCAG AA × Fail

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 15.2571, 34.2410, -53.0297 Background



This preview shows how black text looks on a background with the HunterLab color 15.2571, 34.2410, -53.0297.



This preview shows how white text looks on a background with the HunterLab color 15.2571, 34.2410, -53.0297.

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

15.2571, 34.2410, -53.0297

Protanopia

16.0987, 3.7211, -28.1548

Deuteranopia

16.1624, -1.0659, -17.9005



Tritanopia

16.4880, 0.2768, 0.1093

Trichromacy



Original Color

15.2571, 34.2410, -53.0297

Protanomaly

13.9723, 15.3763, -43.3655

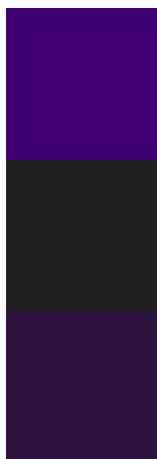
Deuteranomaly

13.7877, 12.0357, -35.8259

Tritanomaly

14.5975, 12.7330, -15.6837

Monochromacy



Original Color

15.2571, 34.2410, -53.0297

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.7626, 12.1691, -15.5109

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2571, 34.2410, -53.0297 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(64, 0, 115)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 115)  
}
```

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(64, 0, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2571, 34.2410, -53.0297 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(64, 0, 115) }
```


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

```
.border{ border-color:rgb(64, 0, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 0, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 115);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2571, 34.2410, -53.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 115) }
```

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

```
.background{ background-color: rgb(64, 0,  
115) }
```

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