

Converting Colors

HunterLab(23.7819, 34.7625,
-0.4520)

Have a look what the booklet for
HunterLab(23.7819, 34.7625,
-0.4520) contains.

HunterLab(23.7812, 34.7646, -0.4527)	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(23.7812, 34.7646,
-0.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	7E1A49
RGB	126, 26, 73
RGB Percent	49%, 10%, 29%
CMY	0.5059, 0.8980, 0.7137
CMYK	0.00, 0.79, 0.42, 0.51
HSL	332°, 66%, 30%
HSV	332°, 79%, 49%
XYZ	10.1762, 5.6555, 6.8586
YIQ	61.2580, 44.5130, 35.8170

Conversions

Conversions Part 2

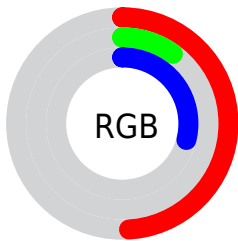
Format	Color
R_{YB}	126, 26, 73
Decimal	8264265
CIE Lab	28.53, 45.50, -2.81
CIE LCh	29, 45.583, 356.469
Yxy	5.6558, 0.4485, 0.2493
Android (android.graphics.Color)	4286454345 (0xFF7E1A49)
YUV	61.2580, 5.7888, 56.7787
Hunter-Lab	23.7812, 34.7646, -0.4527

Details

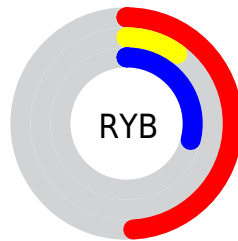
The HunterLab color **23.7812, 34.7646, -0.4527** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **39.6308, -27.4725, 12.8709**, and the grayscale version is **21.6623, -1.1558, 1.1770**.

A 20% lighter version of the original color is **41.4854, 37.9158, 0.3743**, and **12.1304, 21.5463, 1.8483** is the 20% darker color. If you saturate the color by 10%, you get **22.6520, 37.1603, 0.9871**, and if you desaturate by 10%, it is **25.3682, 31.2678, -1.4136**.

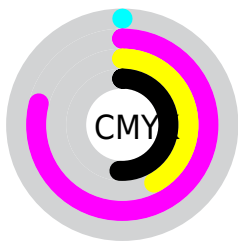
Distribution



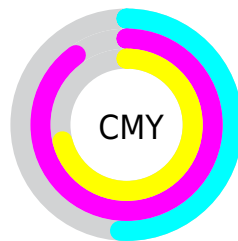
- Red (49%)
- Green (10%)
- Blue (29%)



- Red (49%)
- Yellow (10%)
- Blue (29%)



- Cyan (0%)
- Magenta (79%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (90%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7812, 34.7646, -0.4527 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 23.7812, 34.7646, -0.4527 by changing the saturation by 10% instead.

■ 23.7812, 34.7646,
-0.4527

■ 23.7812, 34.7646,
-0.4527

■ 124.8896, 47.2193,
3.8351

■ 16.2386, 32.9109,
-0.6702

■ 41.4881, 38.2840,
0.1793

■ 9.7224, 31.2557,
-0.8056

■ 51.4970, 39.8769,
0.5763

0.0000, INF, -NF

■ 62.2021, 41.3538,
1.0204

0.0000, NaN, NaN

■ 73.5607, 42.7202,
1.5077

0.0000, NaN, NaN

■ 85.5371, 43.9830,
2.0352

0.0000, NaN, NaN

■ 98.1011, 45.1495,

0.0000, NaN, NaN

0.0000, NaN, NaN

2.6003

0.0000, NaN, NaN

111.2263, 46.2263,
3.2009

23.7812, 34.7646,
-0.4527

23.7812, 34.7646,
-0.4527

22.6520, 37.1603,
0.9871

25.3682, 31.2678,
-1.4136

21.8532, 38.6938,
2.6784

27.3844, 26.9805,
-1.8790

21.8028, 38.7965,
2.7822

29.7853, 22.2120,
-1.8883

32.5198, 17.2090,
-1.5097

35.5392, 12.1368,
-0.8157

■ 38.8010, 7.0923,
0.1287

■ 42.2694, 2.1248,
1.2707

■ 45.9152, -2.7463,
2.5689

■ 49.7146, -7.5182,
3.9920

Harmonies

Analogous

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



23.7819, 27.7513, -19.3079



23.7812, 34.7646, -0.4527



23.7819, 30.3233, 10.5424

Triad

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



23.7819, 34.7625, -0.4520



23.7819, -12.7752, 15.1867



23.7819, -15.1580, -34.6463

Complementary

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



23.7812, 34.7646, -0.4527



39.6308, -27.4725, 12.8709

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.



23.7819, -21.9212, -14.4050



23.7812, 34.7646, -0.4527



23.7819, -20.8030, 11.9878

Square

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



23.7819, 34.7625, -0.4520



23.7819, 0.5262, 16.0045



23.7819, -23.6994, 2.9178



23.7819, -3.0149, -45.3721

Rectangle

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



23.7812, 34.7646, -0.4527



23.7819, 21.9453, 13.8111



23.7819, -23.6994, 2.9178



23.7819, -18.0080, -28.2920

Sweetspot

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



23.7819, 34.7625, -0.4520



49.1907, 12.8810, -0.5177



19.6247, 31.6041, -46.9885



22.8605, 7.0840, -0.4160



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



23.7819, 34.7625, -0.4520



29.2903, 50.6357, 3.1680



23.0767, 30.7650, 12.2464



20.9172, 0.9885, 0.6426



22.0815, 39.2888, 2.8453

0.0000, NaN, NaN

Inverse Universe

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



23.7819, 34.7625, -0.4520



29.2903, 50.6357, 3.1680



40.2804, -19.7879, -4.5798



20.9172, 0.9885, 0.6426

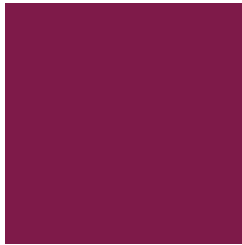


22.0815, 39.2888, 2.8453

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.7812, 34.7646, -0.4527 looks on a white background.

Color Contrast Check

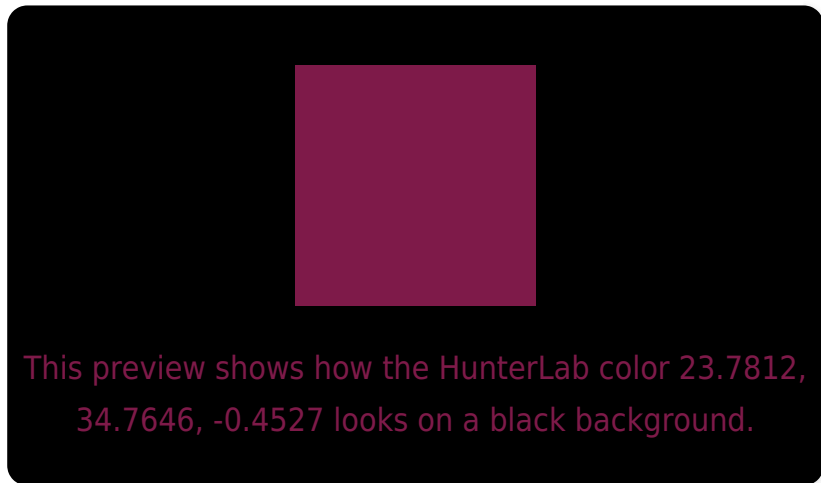
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.7812, 34.7646, -0.4527 Background



This preview shows how black text looks on a background with the HunterLab color 23.7812, 34.7646, -0.4527.



This preview shows how white text looks on a background with the HunterLab color 23.7812, 34.7646, -0.4527.

-0.4527.

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

23.7812, 34.7646, -0.4527

Protanopia

24.4232, 2.0094, -13.5719

Deuteranopia

24.4298, 1.3144, 1.8039



Tritanopia

23.9753, 27.4588, 10.7195

Trichromacy



Original Color

23.7812, 34.7646, -0.4527

Protanomaly

22.6349, 13.1138, -11.1600

Deuteranomaly

22.9736, 13.7929, -0.5563

Tritanomaly

23.8468, 30.1181, 7.4346

Monochromacy



Original Color

23.7812, 34.7646, -0.4527

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.0401, 12.0245, -0.9173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7812, 34.7646, -0.4527 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(126, 26, 73)` looks like.

```
.text, #text, p{  
    color:rgb(126, 26, 73)  
}
```

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(126, 26, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 26, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7812, 34.7646, -0.4527 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(126, 26, 73) }
```


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

```
.border{ border-color:rgb(126, 26, 73) }
```

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

Here you see how a box with a 4 pixel rgb(126, 26, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 26, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 26, 73);  
box-shadow:4px 4px 4px 4px rgb(126, 26,  
73) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.7812, 34.7646, -0.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 26, 73) }
```

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

```
.background{ background-color: rgb(126, 26,  
73) }
```

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