

Converting Colors

HunterLab(23.4365, 28.9625,
0.4795)

Have a look what the booklet for
HunterLab(23.4365, 28.9625,
0.4795) contains.

HunterLab(23.4431, 28.8553, 0.2962)	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(23.4431, 28.8553,
0.2962)**

Conversions

Conversions Part 1

Format	Color
Hex	762346
RGB	118, 35, 70
RGB Percent	46%, 14%, 27%
CMY	0.5373, 0.8627, 0.7255
CMYK	0.00, 0.70, 0.41, 0.54
HSL	335°, 54%, 30%
HSV	335°, 70%, 46%
XYZ	9.1777, 5.4958, 6.3714
YIQ	63.8070, 38.2330, 28.4810

Conversions

Conversions Part 2

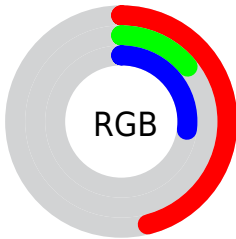
Format	Color
R_{YB}	118, 35, 70
Decimal	7742278
CIE _{Lab}	28.10, 39.29, -1.61
CIE _{LCh}	28, 39.318, 357.659
Yxy	5.4961, 0.4361, 0.2612
Android (android.graphics.Color)	4285932358 (0xFF762346)
YUV	63.8070, 3.0531, 47.5273
Hunter-Lab	23.4431, 28.8553, 0.2962

Details

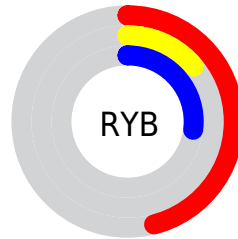
The HunterLab color **23.4431, 28.8553, 0.2962** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **37.3347, -23.5817, 9.5951**, and the grayscale version is **22.5567, -1.2036, 1.2255**.

A 20% lighter version of the original color is **41.0461, 31.8065, 1.0916**, and **10.9679, 19.5043, 1.4945** is the 20% darker color. If you saturate the color by 10%, you get **21.9849, 32.0321, 1.3559**, and if you desaturate by 10%, it is **25.3029, 24.9482, -0.3479**.

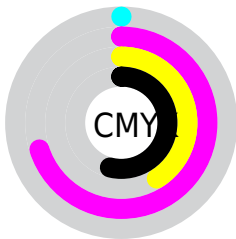
Distribution



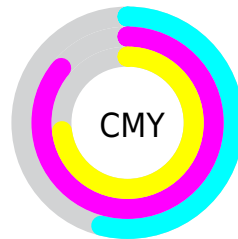
- Red (46%)
- Green (14%)
- Blue (27%)



- Red (46%)
- Yellow (14%)
- Blue (27%)



- Cyan (0%)
- Magenta (70%)
- Yellow (41%)
- Black (54%)



- Cyan (54%)
- Magenta (86%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.4431, 28.8553, 0.2962 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 23.4431, 28.8553, 0.2962 by changing the saturation by 10% instead.

■ 23.4431, 28.8553,
0.2962

■ 23.4431, 28.8553,
0.2962

■ 124.3010, 39.3480,
5.0824

■ 15.9410, 27.1436,
0.0013

■ 41.0808, 31.9616,
1.0632

■ 9.4720, 25.4855,
-0.2210

■ 51.0591, 33.3288,
1.5207

0.0000, INF, NaN

0.0000, NaN, NaN

■ 61.7357, 34.5780,
2.0216

0.0000, NaN, NaN

■ 73.0674, 35.7180,
2.5627

0.0000, NaN, NaN

■ 85.0184, 36.7576,
3.1414

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.5580, 37.7046,

3.7554

0.0000, NaN, NaN

110.6600, 38.5660,
4.4029

23.4431, 28.8553,
0.2962

23.4431, 28.8553,
0.2962

21.9849, 32.0321,
1.3559

25.3029, 24.9482,
-0.3479

20.9506, 34.2064,
2.7924

27.5202, 20.6022,
-0.5969

20.1983, 35.7199,
4.2946

30.0482, 16.0424,
-0.4989

32.8416, 11.4211,
-0.1120

35.8605, 6.8274,
0.5092

■ 39.0716, 2.3064,
1.3183

■ 42.4477, -2.1243,
2.2782

■ 45.9665, -6.4625,
3.3598

■ 49.6103, -10.7138,
4.5409

Harmonies

Analogous

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



23.4437, 23.4548, -15.0771



23.4431, 28.8553, 0.2962



23.4437, 24.8559, 9.7677

Triad

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



23.4437, 28.8535, 0.2968



23.4437, -11.6438, 14.0007



23.4437, -13.0476, -28.4860

Complementary

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



23.4431, 28.8553, 0.2962



37.3347, -23.5817, 9.5951

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.



23.4437, -19.3514, -12.4473



23.4431, 28.8553, 0.2962



23.4437, -18.6719, 10.6815

Square

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



23.4437, 28.8535, 0.2968



23.4437, -0.2356, 14.7894



23.4437, -21.1661, 2.2149



23.4437, -2.2517, -36.3870

Rectangle

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



23.4431, 28.8553, 0.2962



23.4437, 17.7935, 12.8418



23.4437, -21.1661, 2.2149



23.4437, -15.6666, -23.5538

Sweetspot

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



23.4437, 28.8535, 0.2968



47.0621, 9.7728, 0.5632



20.7504, 26.9473, -35.7146



22.1524, 5.3016, 0.1788



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.



23.4437, 28.8535, 0.2968



28.2936, 44.3166, 2.8404



23.5096, 23.7881, 10.8918



19.2980, 0.8415, 0.7014



21.0030, 37.1321, 4.5501



46.1878, 81.3227, 12.5996

Inverse Universe

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



23.4437, 28.8535, 0.2968



28.2936, 44.3166, 2.8404



36.5473, -16.0492, -5.5658



19.2980, 0.8415, 0.7014



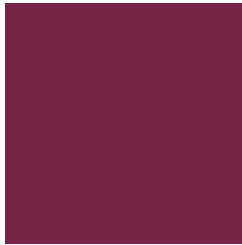
21.0030, 37.1321, 4.5501



46.1878, 81.3227, 12.5996

Previews

White Background



This preview shows how the HunterLab color 23.4431, 28.8553, 0.2962 looks on a white background.

Color Contrast Check

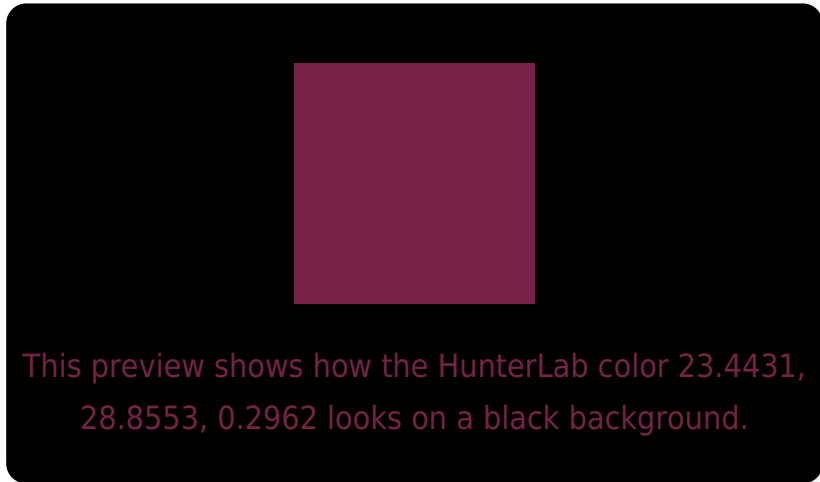
Large Text (above 18pt) WCAG AA ✓ Pass

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

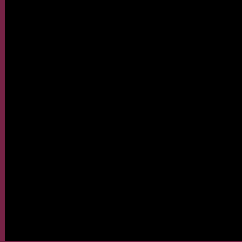
Any Text WCAG AA × Fail

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 23.4431, 28.8553, 0.2962 Background



This preview shows how black text looks on a background with the HunterLab color 23.4431, 28.8553, 0.2962.



This preview shows how white text looks on a background with the HunterLab color 23.4431, 28.8553,

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

23.4431, 28.8553, 0.2962

Protanopia

23.9679, 1.0809, -9.1402

Deuteranopia

23.8113, 1.6244, 1.8668



Tritanopia

23.4110, 23.4591, 8.8016

Trichromacy



Original Color

23.4431, 28.8553, 0.2962

Protanomaly

22.6953, 10.6764, -7.2076

Deuteranomaly

22.9515, 11.5277, 0.6268

Tritanomaly

23.4307, 25.3069, 6.3580

Monochromacy



Original Color

23.4431, 28.8553, 0.2962

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

21.9645, 9.6128, -0.2105

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.4431, 28.8553, 0.2962 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(118, 35, 70)` looks like.

```
.text, #text, p{  
    color:rgb(118, 35, 70)  
}
```

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(118, 35, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 35, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 23.4431, 28.8553, 0.2962 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(118, 35, 70) }
```


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

```
.border{ border-color:rgb(118, 35, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 35, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 35, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 35, 70);  
box-shadow:4px 4px 4px 4px rgb(118, 35,  
70) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.4431, 28.8553, 0.2962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 35, 70) }
```

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

```
.background{ background-color: rgb(118, 35,  
70) }
```

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