

Converting Colors

HunterLab(33.0382, 47.1096,
-23.3394)

Have a look what the booklet for
HunterLab(33.0382, 47.1096,
-23.3394) contains.

HunterLab(33.0384, 47.1102, -23.3423)	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(33.0384, 47.1102,
-23.3423)**

Conversions

Conversions Part 1	
Format	Color
Hex	9C2E8C
RGB	156, 46, 140
RGB Percent	61%, 18%, 55%
CMY	0.3882, 0.8196, 0.4510
CMYK	0.00, 0.71, 0.10, 0.39
HSL	309°, 54%, 40%
HSV	309°, 71%, 61%
XYZ	19.4209, 10.9154, 25.8942
YIQ	89.6060, 35.3860, 52.5540

Conversions

Conversions Part 2

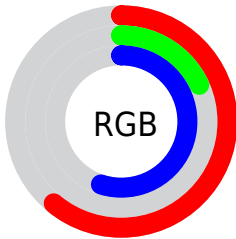
Format	Color
RYB	156, 46, 140
Decimal	10235532
CIELab	39.44, 55.54, -28.33
CIELCh	39, 62.347, 332.976
Yxy	10.9159, 0.3454, 0.1941
Android (android.graphics.Color)	4288425612 (0xFF9C2E8C)
YUV	89.6060, 24.8442, 58.2275
Hunter-Lab	33.0384, 47.1102, -23.3423

Details

The HunterLab color **33.0384, 47.1102, -23.3423** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **49.7051, -37.1197, 24.5409**, and the grayscale version is **31.7333, -1.6932, 1.7241**.

A 20% lighter version of the original color is **52.4823, 50.7645, -24.4313**, and **18.6761, 35.8453, -17.8685** is the 20% darker color. If you saturate the color by 10%, you get **31.3758, 51.7803, -25.0039**, and if you desaturate by 10%, it is **35.2585, 41.1418, -20.7659**.

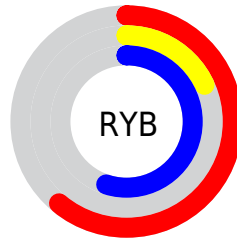
Distribution



Red (61%)

Green (18%)

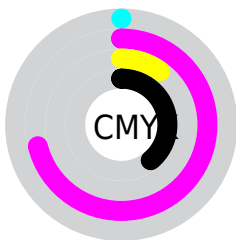
Blue (55%)



Red (61%)

Yellow (18%)

Blue (55%)

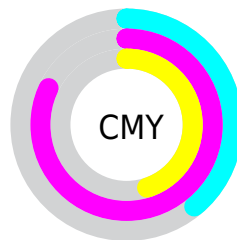


Cyan (0%)

Magenta (71%)

Yellow (10%)

Black (39%)



Cyan (39%)













Magenta (82%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.0384, 47.1102, -23.3423 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 33.0384, 47.1102, -23.3423 by changing the saturation by 10% instead.

 33.0384, 47.1102, -23.3423	 33.0384, 47.1102, -23.3423
 140.3886, 61.5817, -26.6747	 24.5159, 45.0580, -22.7904
 52.4448, 51.0230, -24.4348	 16.8859, 43.0866, -22.3589
 63.2110, 52.8304, -24.9190	 10.2695, 41.6023, -22.3703
 74.6273, 54.5314, -25.3491	0.0000, INF, -NF
 86.6586, 56.1287, -25.7230	0.0000, NaN, NaN
 99.2747, 57.6272, -26.0409	0.0000, NaN, NaN
 112.4499, 59.0321,	0.0000, NaN, NaN

-26.3043

126.1612, 60.3486,
-26.5149

■ 33.0384, 47.1102,
-23.3423

■ 33.0384, 47.1102,
-23.3423

■ 31.3758, 51.7803,
-25.0039

■ 35.2585, 41.1418,
-20.7659

■ 30.2762, 54.8158,
-25.6065


■ 37.9931, 34.3082,
-17.5019


■ 29.6141, 56.4621,
-25.4140


■ 41.1864, 26.9943,
-13.7720


■ 44.7787, 19.4878,
-9.7575

■ 48.7139, 11.9741,
-5.5876

 52.9430, 4.5579,
-1.3464

 57.4245, -2.7107,
2.9157

 62.1246, -9.8157,
7.1707

 67.0151, -16.7598,
11.4048

Harmonies

Analogous

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



33.0392, 25.6681, -55.8687



33.0384, 47.1102, -23.3423



33.0392, 54.4598, 3.8929

Triad

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



33.0392, 47.1084, -23.3410



33.0392, -4.0120, 22.4080



33.0392, -31.1031, -29.9386

Complementary

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



33.0384, 47.1102, -23.3423



49.7051, -37.1197, 24.5409

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.



33.0392, -35.1557, -0.4428



33.0384, 47.1102, -23.3423



33.0392, -22.4147, 21.1473

Square

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



33.0392, 47.1084, -23.3410



33.0392, 20.6273, 21.5645



33.0392, -32.4691, 15.6972



33.0392, -19.4300, -61.1705

Rectangle

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



33.0384, 47.1102, -23.3423



33.0392, 49.1102, 14.2944



33.0392, -32.4691, 15.6972



33.0392, -33.2329, -18.9940

Sweetspot

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



33.0392, 47.1084, -23.3410



65.1534, 17.0512, -8.0450



23.1008, 28.2075, -65.9976



29.9168, 9.2015, -4.4477



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



33.0392, 47.1084, -23.3410



41.2822, 72.5873, -34.3725



31.1444, 39.3826, 2.9841



25.9576, 1.7658, -0.3945



26.8843, 51.2691, -23.1625



3.6517, 7.0546, -3.8496

Inverse Universe

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



33.0392, 47.1084, -23.3410



41.2822, 72.5873, -34.3725



50.6077, -31.6048, 11.3912



25.9576, 1.7658, -0.3945



26.8843, 51.2691, -23.1625



3.6517, 7.0546, -3.8496

Previews

White Background



This preview shows how the HunterLab color 33.0384, 47.1102, -23.3423 looks on a white background.

Color Contrast Check

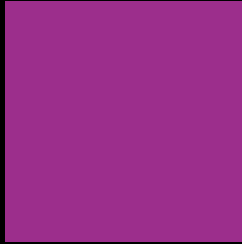
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 33.0384, 47.1102, -23.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

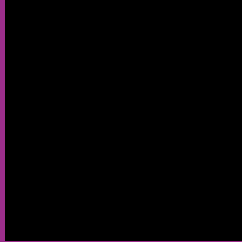
Any Text WCAG AA × Fail

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 33.0384, 47.1102, -23.3423 Background



This preview shows how black text looks on a background with the HunterLab color 33.0384, 47.1102, -23.3423.



This preview shows how white text looks on a background with the HunterLab color 33.0384, 47.1102, -23.3423.

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

33.0384, 47.1102, -23.3423

Protanopia

33.5743, 9.9164, -54.4514

Deuteranopia

33.4431, 2.1740, -18.6948



Tritanopia

33.1537, 26.1398, 9.9227

Trichromacy



Original Color

33.0384, 47.1102, -23.3423

Protanomaly

31.1128, 20.4454, -48.3064

Deuteranomaly

31.7368, 18.0937, -23.6418

Tritanomaly

32.8180, 33.5234, 0.3775

Monochromacy



Original Color

33.0384, 47.1102, -23.3423

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

30.9155, 15.7320, -7.8832

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.0384, 47.1102, -23.3423 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(156, 46, 140)` looks like.

```
.text, #text, p{  
    color:rgb(156, 46, 140)  
}
```

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(156, 46, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 46, 140) }
```

Border

The CSS property to change the border of an element to HunterLab 33.0384, 47.1102, -23.3423 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(156, 46, 140) }
```


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

```
.border{ border-color:rgb(156, 46, 140) }
```

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

Here you see how a box with a 4 pixel rgb(156, 46, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 46, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 46, 140);  
box-shadow:4px 4px 4px 4px rgb(156, 46,  
140) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.0384, 47.1102, -23.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 46, 140) }
```

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

```
.background{ background-color: rgb(156, 46,  
140) }
```

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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