

Converting Colors

HunterLab(37.7248, 47.6393,
-9.6677)

Have a look what the booklet for
HunterLab(37.7248, 47.6393,
-9.6677) contains.

HunterLab(37.7248, 47.6393, -9.6677)	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(37.7248, 47.6393,
-9.6677)**

Conversions

Conversions Part 1

Format	Color
Hex	B23B83
RGB	178, 59, 131
RGB Percent	70%, 23%, 51%
CMY	0.3020, 0.7686, 0.4863
CMYK	0.00, 0.67, 0.26, 0.30
HSL	324°, 50%, 46%
HSV	324°, 67%, 70%
XYZ	24.0208, 14.2316, 22.9537
YIQ	102.7890, 47.8120, 47.6200

Conversions

Conversions Part 2

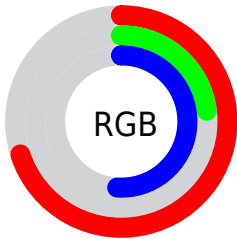
Format	Color
R_{YB}	178, 59, 131
Decimal	11680643
CIE _{Lab}	44.56, 55.07, -14.61
CIE _{LCh}	45, 56.975, 345.141
Yxy	14.2323, 0.3925, 0.2325
Android (android.graphics.Color)	4289870723 (0xFFB23B83)
YUV	102.7890, 13.9080, 65.9600
Hunter-Lab	37.7248, 47.6393, -9.6677

Details

The HunterLab color **37.7248, 47.6393, -9.6677** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **58.1478, -39.3616, 21.2360**, and the grayscale version is **36.6865, -1.9575, 1.9932**.

A 20% lighter version of the original color is **57.8790, 51.6607, -9.8837**, and **21.6198, 39.8422, -7.8721** is the 20% darker color. If you saturate the color by 10%, you get **35.3832, 53.0823, -9.2037**, and if you desaturate by 10%, it is **40.7206, 40.9147, -9.2188**.

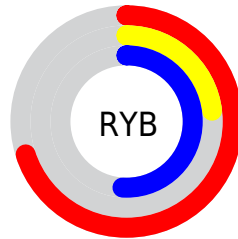
Distribution



Red (70%)

Green (23%)

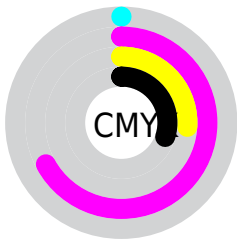
Blue (51%)



Red (70%)

Yellow (23%)

Blue (51%)

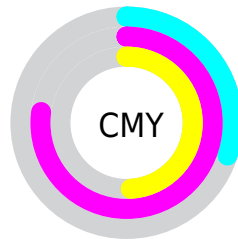


Cyan (0%)

Magenta (67%)

Yellow (26%)

Black (30%)



Cyan (30%)

Magenta (77%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7248, 47.6393, -9.6677 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 37.7248, 47.6393, -9.6677 by changing the saturation by 10% instead.

37.7248, 47.6393,
-9.6677

37.7248, 47.6393,
-9.6677

147.8754, 61.5409,
-8.9936

28.7792, 45.6134,
-9.4273

57.8798, 51.4267,
-9.9238

20.6790, 43.5826,
-9.1103

68.9840, 53.1642,
-9.9522

13.5249, 41.7571,
-8.7257

80.7196, 54.7962,
-9.9206

7.1084, 44.2291,
-9.2707

93.0541, 56.3268,
-9.8331

0.0000, INF, -NF

0.0000, NaN, NaN

105.9598, 57.7613,
-9.6936

0.0000, NaN, NaN

119.4125, 59.1051,

0.0000, NaN, NaN

-9.5053

0.0000, NaN, NaN

133.3907, 60.3633,
-9.2711

■ 37.7248, 47.6393,
-9.6677

■ 37.7248, 47.6393,
-9.6677

■ 35.3832, 53.0823,
-9.2037

■ 40.7206, 40.9147,
-9.2188

■ 33.7298, 56.7736,
-7.7720

■ 44.3001, 33.4130,
-8.0033

■ 32.7269, 58.5239,
-5.4873

■ 48.3873, 25.5282,
-6.1847

■ 32.4672, 58.9158,
-4.7150

■ 52.9082, 17.5270,
-3.9114

■ 57.7977, 9.5659,
-1.3015

■ 63.0012, 1.7246,
1.5570

■ 68.4740, -5.9654,
4.6010

■ 74.1800, -13.4993,
7.7861

■ 80.0897, -20.8867,
11.0809

Harmonies

Analogous

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



37.7258, 32.5237, -38.2764



37.7248, 47.6393, -9.6677



37.7258, 47.5583, 11.0528

Triad

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



37.7258, 47.6367, -9.6665



37.7258, -12.3490, 23.8256



37.7258, -27.2577, -38.5434

Complementary

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



37.7248, 47.6393, -9.6677



58.1478, -39.3616, 21.2360

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.



37.7258, -34.5437, -9.9138



37.7248, 47.6393, -9.6677



37.7258, -27.3622, 20.7392

Square

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



37.7258, 47.6367, -9.6665



37.7258, 9.3443, 23.8370



37.7258, -34.5770, 10.9128



37.7258, -12.1713, -60.3722

Rectangle

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



37.7248, 47.6393, -9.6677



37.7258, 38.7341, 18.5477



37.7258, -34.5770, 10.9128



37.7258, -30.5319, -28.8536

Sweetspot

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



37.7258, 47.6367, -9.6665



75.4793, 16.6151, -3.0246



30.5341, 36.4842, -62.3326



34.6648, 9.2236, -1.8847



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



37.7258, 47.6367, -9.6665



46.5232, 74.0603, -11.6796



36.1569, 41.0079, 12.6930



29.3065, 1.7340, 0.3947



27.4863, 49.9187, -4.3120



4.9881, 9.2584, -2.3283

Inverse Universe

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



37.7258, 47.6367, -9.6665



46.5232, 74.0603, -11.6796



59.5445, -30.9499, 1.1219



29.3065, 1.7340, 0.3947



27.4863, 49.9187, -4.3120



4.9881, 9.2584, -2.3283

Previews

White Background



This preview shows how the HunterLab color 37.7248, 47.6393, -9.6677 looks on a white background.

Color Contrast Check

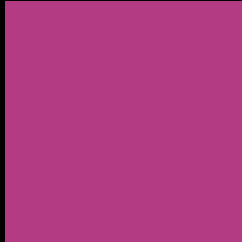
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.7248, 47.6393, -9.6677 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 37.7248, 47.6393, -9.6677 Background



This preview shows how black text looks on a background with the HunterLab color 37.7248, 47.6393, -9.6677.



This preview shows how white text looks on a background with the HunterLab color 37.7248, 47.6393, -9.6677.

-9.6677.

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

37.7248, 47.6393, -9.6677

Protanopia

38.0339, 5.2806, -31.2219

Deuteranopia

38.1699, 2.5840, -6.5721



Tritanopia

37.8336, 33.8759, 12.6105

Trichromacy



Original Color

37.7248, 47.6393, -9.6677

Protanomaly

36.1912, 18.6793, -26.0375

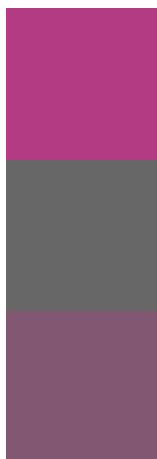
Deuteranomaly

36.7400, 18.2665, -9.4436

Tritanomaly

37.5650, 38.3439, 5.9689

Monochromacy



Original Color

37.7248, 47.6393, -9.6677

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

35.7134, 15.4460, -3.6595

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7248, 47.6393, -9.6677 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(178, 59, 131)` looks like.

```
.text, #text, p{  
    color:rgb(178, 59, 131)  
}
```

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(178, 59, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 59, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7248, 47.6393, -9.6677 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(178, 59, 131) }
```


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

```
.border{ border-color:rgb(178, 59, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 59, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 59, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 59, 131);  
box-shadow:4px 4px 4px 4px rgb(178, 59,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7248, 47.6393, -9.6677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 59, 131) }
```

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

```
.background{ background-color: rgb(178, 59,  
131) }
```

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