

Converting Colors

HunterLab(24.4693, 44.3961,
-3.5041)

Have a look what the booklet for
HunterLab(24.4693, 44.3961,
-3.5041) contains.

HunterLab(24.5203, 44.4762, -3.4140)	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(24.5203, 44.4762,
-3.4140)**

Conversions

Conversions Part 1

Format	Color
Hex	8A0052
RGB	138, 0, 82
RGB Percent	54%, 0%, 32%
CMY	0.4588, 0.9999, 0.6784
CMYK	0.00, 1.00, 0.41, 0.46
HSL	324°, 100%, 27%
HSV	324°, 100%, 54%
XYZ	12.0042, 6.0125, 8.5104
YIQ	50.6100, 55.9260, 54.7580

Conversions

Conversions Part 2

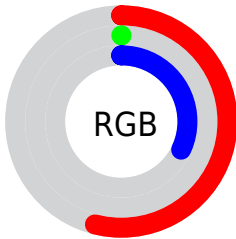
Format	Color
R_{YB}	138, 0, 82
Decimal	9044050
CIE Lab	29.44, 54.98, -7.16
CIE LCh	29, 55.445, 352.581
Yxy	6.0128, 0.4525, 0.2267
Android (android.graphics.Color)	4287234130 (0xFF8A0052)
YUV	50.6100, 15.4753, 76.6410
Hunter-Lab	24.5203, 44.4762, -3.4140

Details

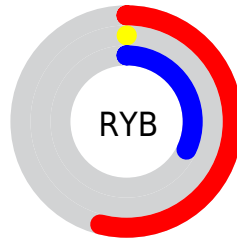
The HunterLab color **24.5203, 44.4762, -3.4140** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **42.9682, -34.4711, 20.7080**, and the grayscale version is **18.0032, -0.9606, 0.9781**.

A 20% lighter version of the original color is **42.4372, 48.4681, -3.0019**, and **13.8831, 24.7374, 1.5130** is the 20% darker color. If you saturate the color by 10%, you get **24.5201, 44.4755, -3.4113**, and if you desaturate by 10%, it is **25.3187, 42.9778, -5.0640**.

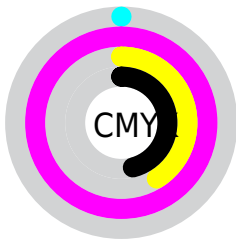
Distribution



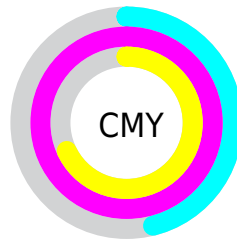
- Red (54%)
- Green (0%)
- Blue (32%)



- Red (54%)
- Yellow (0%)
- Blue (32%)



- Cyan (0%)
- Magenta (100%)
- Yellow (41%)
- Black (46%)



- Cyan (46%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.5203, 44.4762, -3.4140 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 24.5203, 44.4762, -3.4140 by changing the saturation by 10% instead.

■ 24.5203, 44.4762,
-3.4140

■ 24.5203, 44.4762,
-3.4140

■ 126.1700, 59.6124,
-0.8556

■ 16.8904, 42.5045,
-3.3794

■ 42.3765, 48.5010,
-3.2381

■ 10.2733, 41.0000,
-3.2465

■ 52.4513, 50.3959,
-3.0494

0.0000, INF, -NF

0.0000, INF, NaN

■ 63.2180, 52.1854,
-2.8028

0.0000, NaN, NaN

■ 74.6347, 53.8681,
-2.5036

0.0000, NaN, NaN

■ 86.6663, 55.4471,
-2.1561

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 99.2828, 56.9272,

-1.7637

0.0000, NaN, NaN

112.4583, 58.3139,
-1.3294

24.5203, 44.4762,
-3.4140

24.5203, 44.4762,
-3.4140

24.5201, 44.4755,
-3.4113

25.3187, 42.9778,
-5.0640

26.4755, 40.4526,
-6.2738

28.1338, 36.6174,
-6.7954

30.2718, 31.7984,
-6.6514

32.8440, 26.3542,
-5.9320

■ 35.7957, 20.5831,
-4.7505

■ 39.0733, 14.6931,
-3.2143

■ 42.6289, 8.8111,
-1.4117

■ 46.4217, 3.0046,
0.5901

Harmonies

Analogous

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



24.5210, 33.5271, -29.1239



24.5203, 44.4762, -3.4140



24.5210, 40.5764, 11.0500

Triad

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



24.5210, 44.4737, -3.4131



24.5210, -13.4538, 17.1647



24.5210, -19.2953, -43.1648

Complementary

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



24.5203, 44.4762, -3.4140



42.9682, -34.4711, 20.7080

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.



24.5210, -26.1459, -15.3931



24.5203, 44.4762, -3.4140



24.5210, -23.5319, 14.2329

Square

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



24.5210, 44.4737, -3.4131



24.5210, 3.4207, 17.1647



24.5210, -27.4280, 5.2896



24.5210, -5.7066, -60.8423

Rectangle

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



24.5203, 44.4762, -3.4140



24.5210, 30.5001, 14.9247



24.5210, -27.4280, 5.2896



24.5210, -22.2768, -34.0285

Sweetspot

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



24.5210, 44.4737, -3.4131



51.5802, 20.0189, -4.4125



16.2895, 39.1553, -76.7944



23.6624, 10.8284, -2.4584



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



24.5210, 44.4737, -3.4131



32.5054, 58.8714, -3.8396



23.3127, 40.0538, 14.0265



22.5725, 1.2184, 0.3693



23.4850, 42.6091, -3.3542



1.9887, 3.7397, -1.3033

Inverse Universe

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



24.5210, 44.4737, -3.4131



32.5054, 58.8714, -3.8396



44.3141, -26.2340, 1.2443



22.5725, 1.2184, 0.3693



23.4850, 42.6091, -3.3542



1.9887, 3.7397, -1.3033

Previews

White Background



This preview shows how the HunterLab color 24.5203, 44.4762, -3.4140 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

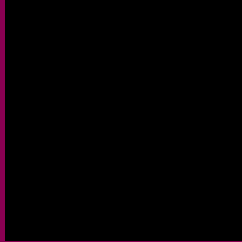
Any Text WCAG AA × Fail

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 24.5203, 44.4762, -3.4140 Background



This preview shows how black text looks on a background with the HunterLab color 24.5203, 44.4762, -3.4140.



This preview shows how white text looks on a background with the HunterLab color 24.5203, 44.4762, -3.4140.

-3.4140.

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

24.5203, 44.4762, -3.4140

Protanopia

25.7424, 4.1745, -23.5404

Deuteranopia

25.7837, 1.2600, 0.1869



Tritanopia

25.0873, 32.8178, 12.6327

Trichromacy



Original Color

24.5203, 44.4762, -3.4140

Protanomaly

21.9727, 20.3189, -22.1672

Deuteranomaly

22.6631, 19.9554, -4.5422

Tritanomaly

24.4409, 37.5727, 8.1204

Monochromacy



Original Color

24.5203, 44.4762, -3.4140

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.9439, 17.8720, -3.6888

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.5203, 44.4762, -3.4140 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(138, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(138, 0, 82)  
}
```

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(138, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 0, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 24.5203, 44.4762, -3.4140 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(138, 0, 82) }
```


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

```
.border{ border-color:rgb(138, 0, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 0, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 0, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 0, 82);  
box-shadow:4px 4px 4px 4px rgb(138, 0, 82)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.5203, 44.4762, -3.4140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 0, 82) }
```

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

```
.background{ background-color: rgb(138, 0,  
82) }
```

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