

Converting Colors

HunterLab(24.1996, 45.1690,
-13.2533)

Have a look what the booklet for
HunterLab(24.1996, 45.1690,
-13.2533) contains.

HunterLab(24.2640, 45.2654, -13.1007)	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(24.2640, 45.2654,
-13.1007)**

Conversions

Conversions Part 1

Format	Color
Hex	850063
RGB	133, 0, 99
RGB Percent	52%, 0%, 39%
CMY	0.4784, 0.9999, 0.6118
CMYK	0.00, 1.00, 0.26, 0.48
HSL	315°, 100%, 26%
HSV	315°, 100%, 52%
XYZ	11.9250, 5.8874, 12.3123
YIQ	51.0530, 47.4890, 58.9850

Conversions

Conversions Part 2

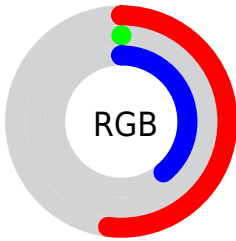
Format	Color
R_{YB}	133, 0, 99
Decimal	8716387
CIE _{Lab}	29.13, 55.80, -18.91
CIE _{LCh}	29, 58.913, 341.279
Yxy	5.8877, 0.3959, 0.1954
Android (android.graphics.Color)	4286906467 (0xFF850063)
YUV	51.0530, 23.6379, 71.8675
Hunter-Lab	24.2640, 45.2654, -13.1007

Details

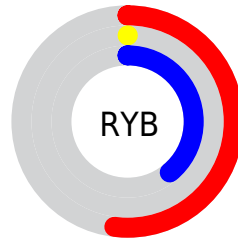
The HunterLab color **24.2640, 45.2654, -13.1007** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **41.0985, -34.2375, 22.5405**, and the grayscale version is **18.1270, -0.9672, 0.9849**.

A 20% lighter version of the original color is **42.1709, 49.1950, -13.7206**, and **13.6661, 25.2178, -5.2323** is the 20% darker color. If you saturate the color by 10%, you get **24.2639, 45.2650, -13.0989**, and if you desaturate by 10%, it is **24.9996, 43.6393, -13.8915**.

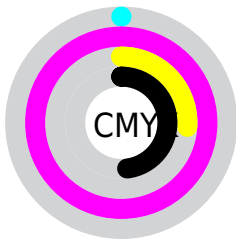
Distribution



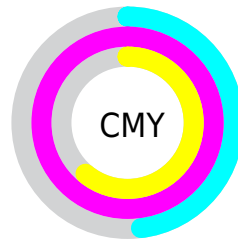
- Red (52%)
- Green (0%)
- Blue (39%)



- Red (52%)
- Yellow (0%)
- Blue (39%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.2640, 45.2654, -13.1007 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 24.2640, 45.2654, -13.1007 by changing the saturation by 10% instead.

■ 24.2640, 45.2654,
-13.1007

■ 24.2640, 45.2654,
-13.1007

■ 125.7269, 60.6465,
-14.5655

■ 16.6641, 43.2978,
-12.6418

■ 42.0687, 49.3304,
-13.8695

■ 10.0817, 41.8529,
-12.2334

■ 52.1208, 51.2531,
-14.1538

0.0000, INF, -NF

■ 62.8662, 53.0719,
-14.3708

0.0000, NaN, NaN

■ 74.2629, 54.7844,
-14.5237

0.0000, NaN, NaN

■ 86.2754, 56.3933,
-14.6161

0.0000, NaN, NaN

■ 98.8738, 57.9032,

0.0000, NaN, NaN

-14.6517

112.0319, 59.3191,
-14.6338

24.2640, 45.2654,
-13.1007

24.2640, 45.2654,
-13.1007

24.2639, 45.2650,
-13.0989

24.9996, 43.6393,
-13.8915

26.0563, 41.0419,
-14.1298

27.5805, 37.1641,
-13.5787

29.5561, 32.3089,
-12.3263

31.9442, 26.8193,
-10.5153

■ 34.6962, 20.9888,
-8.2937

■ 37.7630, 15.0281,
-5.7871

■ 41.0996, 9.0691,
-3.0899

■ 44.6676, 3.1852,
-0.2681

Harmonies

Analogous

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



24.2647, 28.6403, -43.5209



24.2640, 45.2654, -13.1007



24.2647, 47.3605, 7.3006

Triad

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



24.2647, 45.2633, -13.0997



24.2647, -8.1872, 16.9853



24.2647, -23.4932, -35.8327

Complementary

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



24.2640, 45.2654, -13.1007



41.0985, -34.2375, 22.5405

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.



24.2647, -28.1617, -6.7204



24.2640, 45.2654, -13.1007



24.2647, -21.3707, 15.9694

Square

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



24.2647, 45.2633, -13.0997



24.2647, 11.9141, 16.9853



24.2647, -27.5318, 10.1906



24.2647, -12.1721, -62.3222

Rectangle

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



24.2640, 45.2654, -13.1007



24.2647, 39.6607, 13.4842



24.2647, -27.5318, 10.1906



24.2647, -25.7031, -25.3686

Sweetspot

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



24.2647, 45.2633, -13.0997



50.2382, 20.6642, -7.9860



14.2176, 36.2534, -83.1425



23.1327, 11.1641, -4.3728



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



24.2647, 45.2633, -13.0997



32.4294, 60.4293, -16.9736



22.5791, 39.1568, 10.7700



21.7785, 1.2978, -0.0095



23.6836, 44.1873, -12.8227



1.4358, 2.7485, -1.3179

Inverse Universe

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



24.2647, 45.2633, -13.0997



32.4294, 60.4293, -16.9736



42.0602, -28.2968, 8.5143



21.7785, 1.2978, -0.0095



23.6836, 44.1873, -12.8227



1.4358, 2.7485, -1.3179

Previews

White Background



This preview shows how the HunterLab color 24.2640, 45.2654, -13.1007 looks on a white background.

Color Contrast Check

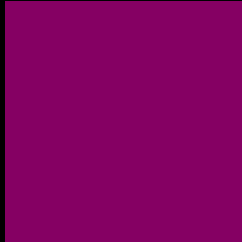
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 24.2640, 45.2654, -13.1007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

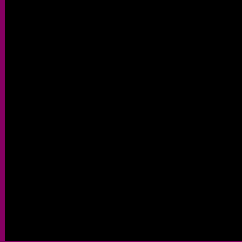
Any Text WCAG AA × Fail

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 24.2640, 45.2654, -13.1007 Background



This preview shows how black text looks on a background with the HunterLab color 24.2640, 45.2654, -13.1007.



This preview shows how white text looks on a background with the HunterLab color 24.2640, 45.2654, -13.1007.

-13.1007.

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

24.2640, 45.2654, -13.1007

Protanopia

25.6215, 7.4452, -42.3948

Deuteranopia

25.5455, 1.5033, -8.2683



Tritanopia

25.0565, 28.6656, 10.9775

Trichromacy



Original Color

24.2640, 45.2654, -13.1007

Protanomaly

21.3926, 21.1298, -41.1542

Deuteranomaly

22.3121, 20.2954, -14.6653

Tritanomaly

24.0601, 35.2226, 4.2117

Monochromacy



Original Color

24.2640, 45.2654, -13.1007

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.8877, 18.1244, -6.7872

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.2640, 45.2654, -13.1007 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(133, 0, 99)` looks like.

```
.text, #text, p{  
    color:rgb(133, 0, 99)  
}
```

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(133, 0, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 0, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 24.2640, 45.2654, -13.1007 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(133, 0, 99) }
```


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

```
.border{ border-color:rgb(133, 0, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 0, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 0, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 0, 99);  
box-shadow:4px 4px 4px 4px rgb(133, 0, 99)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.2640, 45.2654, -13.1007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 0, 99) }
```

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

```
.background{ background-color: rgb(133, 0,  
99) }
```

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