

# Converting Colors

HunterLab(24.9120, 56.0307,  
-87.7601)

Have a look what the booklet for  
HunterLab(24.9120, 56.0307,  
-87.7601) contains.

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# Color

**HunterLab(24.9394, 56.0863,  
-87.5793)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6700B5
RGB	103, 0, 181
RGB Percent	40%, 0%, 71%
CMY	0.5961, 1.0000, 0.2902
CMYK	0.43, 1.00, 0.00, 0.29
HSL	274°, 100%, 35%
HSV	274°, 100%, 71%
XYZ	13.9340, 6.2197, 44.1821
YIQ	51.4310, 3.2870, 78.1270

# Conversions

## Conversions Part 2

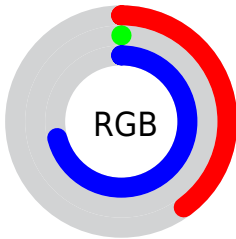
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	103, 0, 181
Decimal	6750389
CIE <sub>Lab</sub>	29.96, 65.54, -68.82
CIE <sub>LCh</sub>	30, 95.038, 313.599
Yxy	6.2200, 0.2166, 0.0967
Android (android.graphics.Color)	4284940469 (0xFF6700B5)
YUV	51.4310, 63.8775, 45.2260
Hunter-Lab	24.9394, 56.0863, -87.5793

# Details

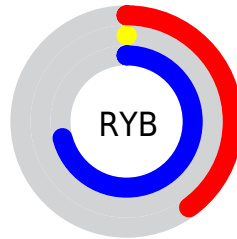
The HunterLab color **24.9394, 56.0863, -87.5793** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **58.8790, -43.4194, 35.5208**, and the grayscale version is **18.1313, -0.9674, 0.9851**.

A 20% lighter version of the original color is **42.8496, 60.7583, -84.4566**, and **14.0834, 34.9982, -75.2388** is the 20% darker color. If you saturate the color by 10%, you get **24.9398, 56.0868, -87.5776**, and if you desaturate by 10%, it is **26.7185, 54.0499, -79.5986**.

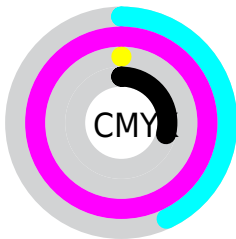
# Distribution



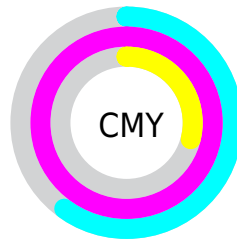
- Red (40%)
- Green (0%)
- Blue (71%)



- Red (40%)
- Yellow (0%)
- Blue (71%)



- Cyan (43%)
- Magenta (100%)
- Yellow (0%)
- Black (29%)



- Cyan (60%)
- Magenta (100%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9394, 56.0863, -87.5793 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 24.9394, 56.0863, -87.5793 by changing the saturation by 10% instead.



■ 24.9394, 56.0863,  
-87.5793

■ 24.9394, 56.0863,  
-87.5793

■ 126.8917, 73.8286,  
-88.5035

■ 17.2606, 54.1435,  
-92.6009

■ 42.8787, 60.5058,  
-84.4720

■ 10.5874, 53.0897,  
-104.2806

■ 52.9904, 62.6844,  
-84.3534

0.0000, INF, -NF

■ 63.7916, 64.7812,  
-84.6656

0.0000, NaN, -NF

■ 75.2408, 66.7833,  
-85.2338

0.0000, NaN, -NF

■ 87.3033, 68.6873,  
-85.9550

0.0000, NaN, NaN

■ 99.9493, 70.4941,

0.0000, NaN, NaN

0.0000, NaN, NaN

-86.7653

113.1529, 72.2065,  
-87.6238

24.9394, 56.0863,  
-87.5793

24.9394, 56.0863,  
-87.5793

24.9398, 56.0868,  
-87.5776

26.7185, 54.0499,  
-79.5986

29.1616, 50.1532,  
-70.0344

32.3556, 44.5416,  
-59.3906

36.2047, 37.9476,  
-48.6176

40.6006, 30.9236,  
-38.2804

■ 45.4462, 23.7987,  
-28.6126

■ 50.6619, 16.7372,  
-19.6507

■ 56.1857, 9.8060,  
-11.3384

■ 61.9695, 3.0206,  
-3.5876

# Harmonies

## Analogous

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



24.9398, 14.6618, -146.0844



24.9394, 56.0863, -87.5793



24.9398, 88.0944, -21.1633

# Triad

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



24.9398, 56.0868, -87.5776



24.9398, 18.2967, 17.4579



24.9398, -37.2118, -16.4647

# Complementary

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



24.9394, 56.0863, -87.5793



58.8790, -43.4194, 35.5208

# 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.



24.9398, -36.9897, 12.8004



24.9394, 56.0863, -87.5793



24.9398, -14.0959, 17.4579

# Square

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



24.9398, 56.0868, -87.5776



24.9398, 59.8628, 17.4579



24.9398, -30.9656, 17.4579



24.9398, -31.8853, -80.7382



# Rectangle

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



24.9394, 56.0863, -87.5793



24.9398, 93.1860, 4.7270



24.9398, -30.9656, 17.4579



24.9398, -37.6534, -2.5594

# Sweetspot

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



24.9398, 56.0868, -87.5776



67.4393, 22.8688, -26.8774



29.7435, 14.5381, -68.5603



29.9863, 12.4464, -14.7639



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.



24.9398, 56.0868, -87.5776



33.1706, 74.8182, -118.1966



35.6172, 69.0309, -39.2742



29.0874, 1.1932, -1.4327



20.8074, 46.6862, -72.2358



4.1215, 8.8139, -10.9469



# Inverse Universe

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



32.2084, 56.8654, 7.5751



43.0530, 75.9162, 10.8695



57.5104, -49.1494, 34.2164



29.2644, 1.5078, 0.9946



26.7672, 47.3061, 5.9288

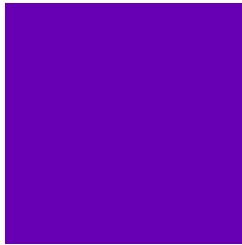


4.8705, 8.8365, -0.6940



# Previews

## White Background



This preview shows how the HunterLab color 24.9394, 56.0863, -87.5793 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

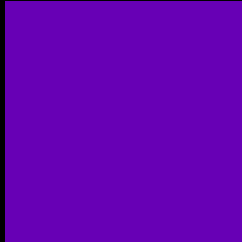
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 24.9394, 56.0863, -87.5793 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

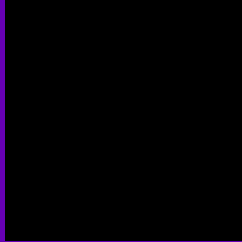
Any Text WCAG AA × Fail

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 24.9394, 56.0863, -87.5793 Background



This preview shows how black text looks on a background with the HunterLab color 24.9394, 56.0863, -87.5793.



This preview shows how white text looks on a background with the HunterLab color 24.9394, 56.0863, -87.5793.



# 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

24.9394, 56.0863, -87.5793

### Protanopia

25.8387, 7.8240, -49.1859

### Deuteranopia

25.6723, -0.3412, -31.3515



## Tritanopia

25.8661, 1.5378, 0.2927

# Trichromacy



## Original Color

24.9394, 56.0863, -87.5793

## Protanomaly

22.0075, 27.4637, -76.7980

## Deuteranomaly

21.4798, 21.2991, -62.5853

## Tritanomaly

22.7297, 23.0496, -27.1165

# Monochromacy



## Original Color

24.9394, 56.0863, -87.5793

## Achromatopsia

18.1947, -0.9708, 0.9886

## Achromatomaly

17.9359, 20.8300, -26.7812

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 24.9394, 56.0863, -87.5793 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(103, 0, 181)` looks like.

```
.text, #text, p{  
    color:rgb(103, 0, 181)  
}
```

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(103, 0, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 0, 181) }
```

## Border

The CSS property to change the border of an element to HunterLab 24.9394, 56.0863, -87.5793 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(103, 0, 181) }
```



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

```
.border{ border-color:rgb(103, 0, 181) }
```

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

Here you see how a box with a 4 pixel rgb(103, 0, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 0, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 0, 181);  
box-shadow:4px 4px 4px 4px rgb(103, 0,  
181) }
```

# Background

The CSS property to change the background color of an element to HunterLab 24.9394, 56.0863, -87.5793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 0, 181) }
```

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

```
.background{ background-color: rgb(103, 0,  
181) }
```

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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