

# Converting Colors

HunterLab(63.4727, 19.9113,  
-41.5464)

Have a look what the booklet for  
HunterLab(63.4727, 19.9113,  
-41.5464) contains.

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# Color

**HunterLab(63.3721, 19.7583,  
-41.4261)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9EF5
RGB	175, 158, 245
RGB Percent	69%, 62%, 96%
CMY	0.3137, 0.3804, 0.0392
CMYK	0.29, 0.36, 0.00, 0.04
HSL	252°, 81%, 79%
HSV	252°, 36%, 96%
XYZ	46.3875, 40.1602, 91.6930
YIQ	173.0010, -17.7950, 30.6610

# Conversions

## Conversions Part 2

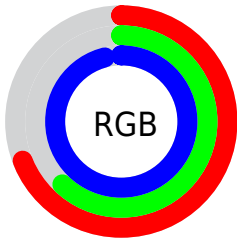
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 158, 245
Decimal	11509493
CIE <sub>Lab</sub>	69.58, 24.77, -41.31
CIE <sub>LCh</sub>	70, 48.164, 300.946
Yxy	40.1618, 0.2603, 0.2253
Android (android.graphics.Color)	4289699573 (0xFFAF9EF5)
YUV	173.0010, 35.4955, 1.7531
Hunter-Lab	63.3721, 19.7583, -41.4261

# Details

The HunterLab color  $63.3721, 19.7583, -41.4261$  is a light color, and the websafe version is hex  $9999FF$ . A complement of this color would be  $91.7977, -22.9376, 35.2701$ , and the grayscale version is  $64.5084, -3.4420, 3.5049$ .

A 20% lighter version of the original color is  $84.8318, 9.6154, -13.6813$ , and  $42.5903, 18.0087, -39.6728$  is the 20% darker color. If you saturate the color by 10%, you get  $55.2297, 27.8159, -58.2185$ , and if you desaturate by 10%, it is  $71.9857, 12.2540, -26.5796$ .

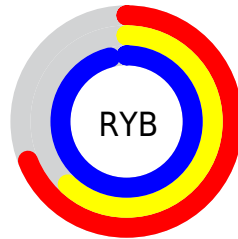
# Distribution



Red (69%)

Green (62%)

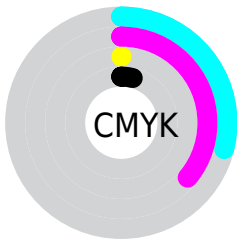
Blue (96%)



Red (69%)

Yellow (62%)

Blue (96%)

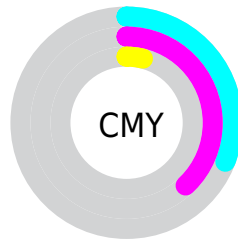


Cyan (29%)

Magenta (36%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (38%)

Yellow (4%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.3721, 19.7583, -41.4261 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 63.3721, 19.7583, -41.4261 by changing the saturation by 10% instead.





 63.3721, 19.7583,  
-41.4261

 63.3721, 19.7583,  
-41.4261


186.2270, 22.0982,  
-46.0963

 52.5973, 19.1286,  
-40.7418


 86.8388, 20.7482,  
-42.7499

 42.5124, 18.3963,  
-40.0882

 99.4633, 21.1263,  
-43.3628

 33.1700, 17.5471,  
-39.5333


112.6465, 21.4350,  
-43.9333

 24.6343, 16.5650,  
-39.2221

126.3655, 21.6796,  
-44.4587

 16.9905, 15.4328,  
-39.4937

140.6003, 21.8646,  
-44.9375

 10.3581, 14.1456,  
-41.3043

155.3327, 21.9938,

0.0000, INF, -NF

-45.3698

0.0000, NaN, -NF

170.5466, 22.0707,  
-45.7558

0.0000, NaN, -NF

■ 63.3721, 19.7583,  
-41.4261

■ 63.3721, 19.7583,  
-41.4261

■ 55.2297, 27.8159,  
-58.2185

■ 71.9857, 12.2540,  
-26.5796

■ 47.6755, 36.5106,  
-77.4154

■ 80.9819, 5.1959,  
-13.2556

■ 40.8845, 45.7901,  
-99.2822

■ 90.3012, -1.5172,  
-1.1033

■ 35.0995, 55.2258,  
-123.3295

■ 99.5770, -7.4403,  
9.7923

■ 30.6253, 63.6352,  
-147.2580

■ 99.6858, -7.0597,  
9.9222

■ 27.7379, 69.0506,  
-166.3518

■ 26.8663, 70.5472,  
-172.8533

# Harmonies

## Analogous

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



63.3733, -2.6878, -51.1005



63.3721, 19.7583, -41.4261



63.3733, 37.7904, -19.2520

# Triad

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



63.3733, 19.7576, -41.4244



63.3733, 18.3906, 29.4277



63.3733, -40.2345, 2.7844

# Complementary

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



63.3721, 19.7583, -41.4261



91.7977, -22.9376, 35.2701

# 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.



63.3733, -36.1568, 19.9835



63.3721, 19.7583, -41.4261



63.3733, -4.0788, 31.8548

# Square

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



63.3733, 19.7576, -41.4244



63.3733, 36.9287, 20.7860



63.3733, -23.6194, 29.0872



63.3733, -35.6097, -20.8024



# Rectangle

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



63.3721, 19.7583, -41.4261



63.3733, 43.7962, -3.1838



63.3733, -23.6194, 29.0872



63.3733, -39.8415, 9.4354

# Sweetspot

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



63.3733, 19.7576, -41.4244



89.0836, 2.2471, -8.0344



83.6236, -21.2211, -10.0922



40.6033, 1.4834, -4.5239

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



63.3733, 19.7576, -41.4244



59.8073, 27.0117, -56.4636



67.7263, 32.9177, -33.3173



40.1031, 0.5173, -2.6937



19.8328, 51.8712, -125.9959



6.2167, 15.6673, -34.9042



# Inverse Universe

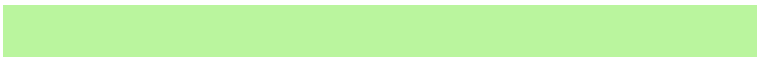
The Inverse Universe completely reimagines the original color for something new.



70.3341, 39.0546, -17.8506



68.9449, 50.7633, -23.2929



88.4065, -35.6551, 32.1564



40.8773, 2.9903, -0.5363



35.5706, 67.0856, -24.8436

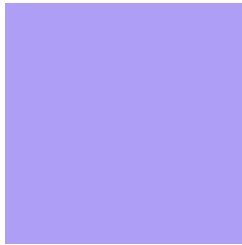


10.6109, 20.1201, -8.2485



# Previews

## White Background



This preview shows how the HunterLab color 63.3721, 19.7583, -41.4261 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

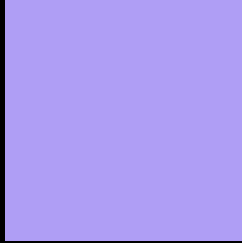
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 63.3721, 19.7583, -41.4261 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

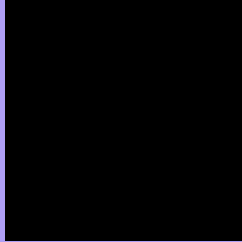
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# HunterLab 63.3721, 19.7583, -41.4261 Background



This preview shows how black text looks on a background with the HunterLab color 63.3721, 19.7583, -41.4261.



This preview shows how white text looks on a background with the HunterLab color 63.3721, 19.7583, -41.4261.

-41.4261.

# 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

63.3721, 19.7583, -41.4261

### Protanopia

63.5047, 7.9721, -46.7124

### Deuteranopia

63.4248, 5.3396, -40.0905



## Tritanopia

63.2429, -3.0531, -3.5965

# Trichromacy



## Original Color

63.3721, 19.7583, -41.4261

## Protanomaly

63.3741, 11.6493, -44.5921

## Deuteranomaly

63.2081, 10.6234, -41.1481

## Tritanomaly

63.2014, 4.3839, -15.7576

# Monochromacy



## Original Color

63.3721, 19.7583, -41.4261

## Achromatopsia

64.6440, -3.4492, 3.5122

## Achromatomaly

64.1307, 4.0247, -10.3669

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.3721, 19.7583, -41.4261 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(175, 158, 245)` looks like.

```
.text, #text, p{  
    color:rgb(175, 158, 245)  
}
```

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(175, 158, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 158, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.3721, 19.7583, -41.4261 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(175, 158, 245) }
```



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

```
.border{ border-color:rgb(175, 158, 245) }
```

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

Here you see how a box with a 4 pixel rgb(175, 158, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 158, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 158, 245);  
box-shadow:4px 4px 4px 4px rgb(175, 158,  
245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.3721, 19.7583, -41.4261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 158, 245) }
```

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

```
.background{ background-color: rgb(175,  
158, 245) }
```

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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