

Converting Colors

HunterLab(65.7247, 12.9010,
-24.5427)

Have a look what the booklet for
HunterLab(65.7247, 12.9010,
-24.5427) contains.

HunterLab(65.7653, 13.0541, -24.7648)	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(65.7653, 13.0541,
-24.7648)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A7E3
RGB	183, 167, 227
RGB Percent	72%, 65%, 89%
CMY	0.2823, 0.3451, 0.1098
CMYK	0.19, 0.26, 0.00, 0.11
HSL	256°, 52%, 77%
HSV	256°, 26%, 89%
XYZ	47.2123, 43.2507, 78.5329
YIQ	178.6240, -9.7240, 22.0520

Conversions

Conversions Part 2

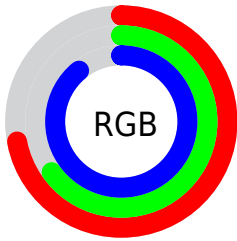
Format	Color
R_{YB}	183, 167, 227
Decimal	12036067
CIE _{Lab}	71.73, 17.86, -28.11
CIE _{LCh}	72, 33.302, 302.426
Yxy	43.2525, 0.2794, 0.2559
Android (android.graphics.Color)	4290226147 (0xFFB7A7E3)
YUV	178.6240, 23.8494, 3.8378
Hunter-Lab	65.7653, 13.0541, -24.7648

Details

The HunterLab color $65.7653, 13.0541, -24.7648$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $84.6039, -18.7040, 26.1832$, and the grayscale version is $66.8915, -3.5692, 3.6343$.

A 20% lighter version of the original color is $88.3107, 7.3732, -8.9720$, and $44.5745, 12.2354, -23.5666$ is the 20% darker color. If you saturate the color by 10%, you get $58.0777, 20.3348, -38.0475$, and if you desaturate by 10%, it is $73.8079, 6.1251, -12.7917$.

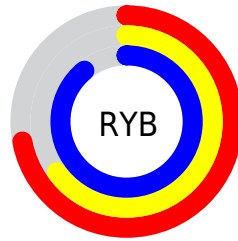
Distribution



Red (72%)

Green (65%)

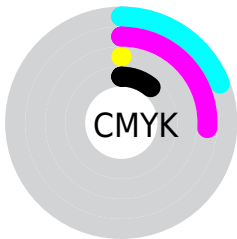
Blue (89%)



Red (72%)

Yellow (65%)

Blue (89%)

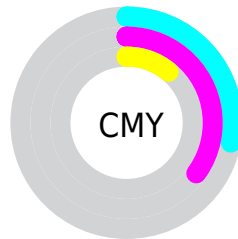


Cyan (19%)

Magenta (26%)

Yellow (0%)

Black (11%)



Cyan (28%)

Magenta (35%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7653, 13.0541, -24.7648 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 65.7653, 13.0541, -24.7648 by changing the saturation by 10% instead.

65.7653, 13.0541,
-24.7648

65.7653, 13.0541,
-24.7648

189.6442, 12.8989,
-26.5551

54.8482, 12.7568,
-24.2963

89.4940, 13.4192,
-25.5301

44.6114, 12.3733,
-23.7790

102.2402, 13.5031,
-25.8294

35.1051, 11.8900,
-23.2249

115.5399, 13.5280,
-26.0745

26.3904, 11.2912,
-22.6667

129.3710, 13.4983,
-26.2673

18.5470, 10.5555,
-22.1884

143.7138, 13.4175,
-26.4097

11.6854, 9.6565,
-22.0307

158.5507, 13.2890,

4.3713, 17.5668,

-26.5039

-34.2248

173.8656, 13.1153,
-26.5517

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 65.7653, 13.0541,
-24.7648

■ 65.7653, 13.0541,
-24.7648

■ 58.0777, 20.3348,
-38.0475

■ 73.8079, 6.1251,
-12.7917

■ 50.8177, 28.0380,
-52.9853

■ 82.1459, -0.5213,
-1.8446

■ 44.0943, 36.1851,
-69.9144

■ 90.7395, -6.9498,
8.3059

■ 38.0585, 44.6543,
-88.9826

■ 98.6481, -11.7676,
16.9017

■ 32.9158, 52.9775,

■ 99.1595, -9.9599,

-109.6944

17.4738

■ 28.9142, 60.0777,
-130.1527

■ 26.2617, 64.3705,
-146.7635

■ 25.5409, 65.4535,
-151.8190

Harmonies

Analogous

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



65.7666, -2.2603, -31.0541



65.7653, 13.0541, -24.7648



65.7666, 24.7120, -10.7696

Triad

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



65.7666, 13.0530, -24.7633



65.7666, 10.6976, 23.9023



65.7666, -30.4508, 2.3819

Complementary

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



65.7653, 13.0541, -24.7648



84.6039, -18.7040, 26.1832

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.



65.7666, -27.6573, 15.2832



65.7653, 13.0541, -24.7648



65.7666, -4.7557, 25.8869

Square

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



65.7666, 13.0530, -24.7633



65.7666, 23.2669, 16.9116



65.7666, -18.5854, 23.1245



65.7666, -26.5926, -13.3024

Rectangle

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



65.7653, 13.0541, -24.7648



65.7666, 28.3358, -0.2250



65.7666, -18.5854, 23.1245



65.7666, -30.2587, 7.1701

Sweetspot

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



65.7666, 13.0530, -24.7633



92.1629, 0.6159, -4.0616



78.0063, -14.4399, -7.4226



41.9666, 0.8110, -2.7351

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



65.7666, 13.0530, -24.7633



69.9171, 19.6368, -36.8013



68.6893, 22.2950, -20.0128



37.5128, 0.6917, -2.3893



19.6294, 50.0931, -115.0449



5.7377, 13.9915, -28.5837

Inverse Universe

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



69.7662, 24.4026, -8.9585



75.6292, 35.2298, -13.3584



82.2644, -27.3626, 23.8614



38.1394, 2.6279, -0.1425



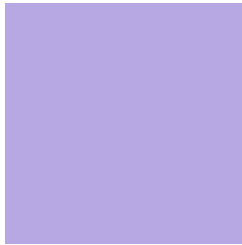
33.4070, 62.1077, -16.3752



9.1647, 17.1798, -5.5898

Previews

White Background



This preview shows how the HunterLab color 65.7653, 13.0541, -24.7648 looks on a white background.

Color Contrast Check

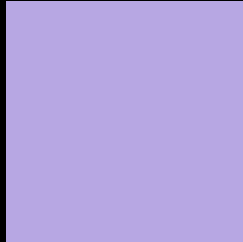
Large Text (above 18pt) WCAG AA × Fail

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 65.7653, 13.0541, -24.7648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

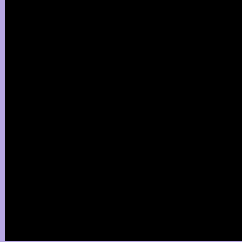
Any Text WCAG AA ✓ Pass

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 65.7653, 13.0541, -24.7648 Background



This preview shows how black text looks on a background with the HunterLab color 65.7653, 13.0541, -24.7648.



This preview shows how white text looks on a background with the HunterLab color 65.7653, 13.0541, -24.7648.

-24.7648.

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

65.7653, 13.0541, -24.7648

Protanopia

66.0090, 4.0055, -27.8284

Deuteranopia

65.9432, 4.7762, -23.9745



Tritanopia

65.6758, -0.4611, -2.4899

Trichromacy



Original Color

65.7653, 13.0541, -24.7648

Protanomaly

65.6992, 7.2727, -26.9489

Deuteranomaly

65.8692, 7.4981, -24.0453

Tritanomaly

65.5544, 4.5822, -10.0629

Monochromacy



Original Color

65.7653, 13.0541, -24.7648

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

66.5949, 1.7074, -5.4306

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7653, 13.0541, -24.7648 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(183, 167, 227)` looks like.

```
.text, #text, p{  
    color:rgb(183, 167, 227)  
}
```

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(183, 167, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 167, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7653, 13.0541, -24.7648 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(183, 167, 227) }
```


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

```
.border{ border-color:rgb(183, 167, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 167, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 167, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 167, 227);  
box-shadow:4px 4px 4px 4px rgb(183, 167,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7653, 13.0541, -24.7648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 167, 227) }
```

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

```
.background{ background-color: rgb(183,  
167, 227) }
```

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