

Converting Colors

HunterLab(37.5520, 24.7888,
-34.6641)

Have a look what the booklet for
HunterLab(37.5520, 24.7888,
-34.6641) contains.

HunterLab(37.5222, 25.1044, -34.9767)	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(37.5222, 25.1044,
-34.9767)**

Conversions

Conversions Part 1

Format	Color
Hex	7E57A8
RGB	126, 87, 168
RGB Percent	49%, 34%, 66%
CMY	0.5059, 0.6588, 0.3412
CMYK	0.25, 0.48, 0.00, 0.34
HSL	269°, 32%, 50%
HSV	269°, 48%, 66%
XYZ	19.0802, 14.0792, 38.7577
YIQ	107.8950, -2.7570, 33.4590

Conversions

Conversions Part 2

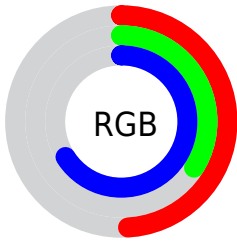
Format	Color
R_{YB}	126, 87, 168
Decimal	8279976
CIE _{Lab}	44.35, 32.65, -37.69
CIE _{LCh}	44, 49.870, 310.899
Yxy	14.0797, 0.2653, 0.1958
Android (android.graphics.Color)	4286470056 (0xFF7E57A8)
YUV	107.8950, 29.6318, 15.8781
Hunter-Lab	37.5222, 25.1044, -34.9767

Details

The HunterLab color $[37.5222, 25.1044, -34.9767]$ is a dark color, and the websafe version is hex $9966CC$. A complement of this color would be $[57.7588, -24.5077, 25.9053]$, and the grayscale version is $[38.5769, -2.0584, 2.0960]$.

A 20% lighter version of the original color is $[57.6733, 27.0986, -36.4855]$, and $[20.5213, 22.1692, -33.8285]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.2189, 31.3137, -45.1033]$, and if you desaturate by 10%, it is $[42.2080, 18.9380, -25.6990]$.

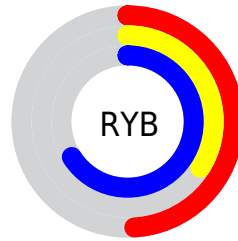
Distribution



Red (49%)

Green (34%)

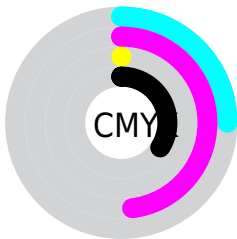
Blue (66%)



Red (49%)

Yellow (34%)

Blue (66%)

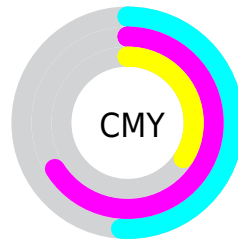


Cyan (25%)

Magenta (48%)

Yellow (0%)

Black (34%)



Cyan (51%)












Magenta (66%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.5222, 25.1044, -34.9767 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 37.5222, 25.1044, -34.9767 by changing the saturation by 10% instead.

 37.5222, 25.1044, -34.9767	 37.5222, 25.1044, -34.9767
147.5555, 31.8965, -39.8601	 28.5939, 23.8293, -34.4455
 57.6458, 27.2726, -36.2572	 20.5131, 22.4168, -34.1831
 68.7359, 28.1894, -36.8967	 13.3810, 20.8819, -34.6223
 80.4581, 29.0083, -37.5044	 6.9372, 21.9684, -39.9808
 92.7799, 29.7379, -38.0707	0.0000, INF, -NF
	0.0000, NaN, -NF
 105.6735, 30.3855, -38.5908	0.0000, NaN, NaN
119.1145, 30.9577,	0.0000, NaN, NaN

-39.0626

0.0000, NaN, NaN

133.0815, 31.4598,
-39.4856

■ 37.5222, 25.1044,
-34.9767

■ 37.5222, 25.1044,
-34.9767

■ 33.2189, 31.3137,
-45.1033

■ 42.2080, 18.9380,
-25.6990

■ 29.3851, 37.3524,
-55.9865

■ 47.2049, 12.9029,
-17.2170

■ 26.1296, 42.7954,
-67.2102

■ 52.4610, 7.0200,
-9.4193

■ 23.5642, 46.9710,
-77.8693

■ 57.9365, 1.2808,
-2.1889

■ 21.6940, 49.4112,
-87.0148

■ 63.6009, -4.3341,
4.5797

■ 21.3814, 49.8385,
-88.6798

■ 69.4306, -9.8470,
10.9751

■ 75.4070, -15.2787,
17.0699

■ 81.5152, -20.6476,
22.9224

■ 87.7431, -25.9694,
28.5794

Harmonies

Analogous

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



37.5229, 5.1728, -50.7839



37.5222, 25.1044, -34.9767



37.5229, 39.2420, -11.2369

Triad

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



37.5229, 25.1039, -34.9755



37.5229, 10.7453, 22.2995



37.5229, -31.6149, -5.1580

Complementary

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



37.5222, 25.1044, -34.9767



57.7588, -24.5077, 25.9053

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.



37.5229, -30.7139, 11.7463



37.5222, 25.1044, -34.9767



37.5229, -8.6792, 22.6731

Square

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



37.5229, 25.1039, -34.9755



37.5229, 29.8768, 18.4395



37.5229, -23.0938, 19.9839



37.5229, -25.8636, -28.6673

Rectangle

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



37.5222, 25.1044, -34.9767



37.5229, 42.0734, 2.5847



37.5229, -23.0938, 19.9839



37.5229, -32.0453, 1.4921

Sweetspot

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



37.5229, 25.1039, -34.9755



73.5546, 6.3761, -8.7524



45.6863, -5.6851, -20.0248



33.6310, 3.7287, -5.0426



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



37.5229, 25.1039, -34.9755



44.2823, 42.8896, -61.9709



42.0423, 37.0524, -25.6891



27.3333, 0.9013, -1.4022



18.6617, 43.3986, -76.6219



3.3960, 7.3452, -9.6621

Inverse Universe

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



40.8982, 31.0785, -4.3636



50.2493, 51.7277, -6.3294



55.5449, -33.2184, 24.0197



27.5769, 1.4998, 0.6608



26.1113, 46.7516, 1.0963



4.1970, 7.7401, -1.5719

Previews

White Background



This preview shows how the HunterLab color 37.5222, 25.1044, -34.9767 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 × Fail

Black Background



This preview shows how the HunterLab color 37.5222, 25.1044, -34.9767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.5222, 25.1044, -34.9767 Background



This preview shows how black text looks on a background with the HunterLab color 37.5222, 25.1044, -34.9767.



This preview shows how white text looks on a background with the HunterLab color 37.5222, 25.1044, -34.9767.

-34.9767.

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

37.5222, 25.1044, -34.9767

Protanopia

37.6103, 8.4533, -46.4431

Deuteranopia

37.7350, 2.9154, -31.8811



Tritanopia

37.5826, 3.6520, 0.3975

Trichromacy



Original Color

37.5222, 25.1044, -34.9767

Protanomaly

37.2792, 13.4169, -42.9478

Deuteranomaly

37.1203, 10.4082, -33.8019

Tritanomaly

37.3772, 10.7991, -10.2798

Monochromacy



Original Color

37.5222, 25.1044, -34.9767

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

37.9090, 7.3811, -9.5419

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.5222, 25.1044, -34.9767 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(126, 87, 168)` looks like.

```
.text, #text, p{  
    color:rgb(126, 87, 168)  
}
```

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(126, 87, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 87, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 37.5222, 25.1044, -34.9767 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(126, 87, 168) }
```


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

```
.border{ border-color:rgb(126, 87, 168) }
```

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

Here you see how a box with a 4 pixel rgb(126, 87, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 87, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 87, 168);  
box-shadow:4px 4px 4px 4px rgb(126, 87,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.5222, 25.1044, -34.9767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 87, 168) }
```

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

```
.background{ background-color: rgb(126, 87,  
168) }
```

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