

Converting Colors

HunterLab(24.0236, -3.8245,
-37.3354)

Have a look what the booklet for
HunterLab(24.0236, -3.8245,
-37.3354) contains.

HunterLab(25.2523, 1.1313, -34.0054)	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(25.2523, 1.1313,
-34.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	004982
RGB	0, 73, 130
RGB Percent	0%, 29%, 51%
CMY	0.9999, 0.7137, 0.4902
CMYK	1.00, 0.44, 0.00, 0.49
HSL	206°, 100%, 25%
HSV	206°, 100%, 51%
XYZ	6.4118, 6.3768, 22.0120
YIQ	57.6710, -61.8050, 2.2510

Conversions

Conversions Part 2

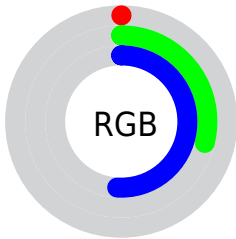
Format	Color
R_{YB}	0, 47, 130
Decimal	18818
CIE _{Lab}	30.34, 3.78, -37.48
CIE _{LCh}	30, 37.667, 275.765
Yxy	6.3770, 0.1842, 0.1832
Android (android.graphics.Color)	4278208898 (0xFF004982)
YUV	57.6710, 35.6582, -50.5775
Hunter-Lab	25.2523, 1.1313, -34.0054

Details

The HunterLab color **25.2523, 1.1313, -34.0054** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.7016, 20.2763, 17.4235**, and the grayscale version is **20.3558, -1.0861, 1.1060**.

A 20% lighter version of the original color is **43.2104, 0.5778, -34.8345**, and **12.2790, 6.3101, -28.9694** is the 20% darker color. If you saturate the color by 10%, you get **25.2506, 1.1345, -34.0102**, and if you desaturate by 10%, it is **26.9191, -0.8905, -29.9439**.

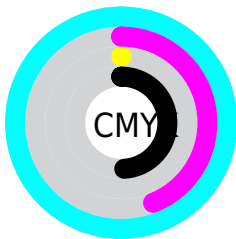
Distribution



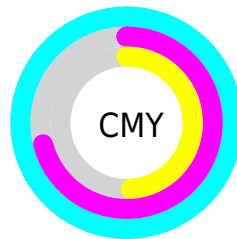
- Red (0%)
- Green (29%)
- Blue (51%)



- Red (0%)
- Yellow (18%)
- Blue (51%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (71%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.2523, 1.1313, -34.0054 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 25.2523, 1.1313, -34.0054 by changing the saturation by 10% instead.

■ 25.2523, 1.1313,
-34.0054

■ 25.2523, 1.1313,
-34.0054

■ 127.4290, -2.6038,
-39.0143

■ 17.5375, 1.2715,
-33.9300

■ 43.2532, 0.6411,
-35.0651

■ 10.8229, 1.3191,
-34.8999

■ 53.3922, 0.3087,
-35.7130

■ 1.9523, 8.3401,
-115.6223

■ 64.2190, -0.0734,
-36.3581

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 75.6923, -0.5009,
-36.9765

0.0000, NaN, NaN

■ 87.7777, -0.9703,
-37.5559

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.4455, -1.4787,

-38.0903

0.0000, NaN, NaN

113.6701, -2.0239,
-38.5767

25.2523, 1.1313,
-34.0054

25.2523, 1.1313,
-34.0054

25.2506, 1.1345,
-34.0102

26.9191, -0.8905,
-29.9439

28.6963, -2.5875,
-25.9976

30.6154, -3.8352,
-22.1017

32.6682, -4.6531,
-18.2810

34.8449, -5.0737,
-14.5528

■ 37.1352, -5.1348,
-10.9262

■ 39.5296, -4.8750,
-7.4039

■ 42.0189, -4.3308,
-3.9839

■ 44.5950, -3.5358,
-0.6611

Harmonies

Analogous

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



25.2527, -10.5472, -29.9806



25.2523, 1.1313, -34.0054



25.2527, 14.4346, -25.4012

Triad

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



25.2527, 1.1319, -34.0048



25.2527, 21.4795, 11.4777



25.2527, -19.8667, 9.1252

Complementary

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



25.2523, 1.1313, -34.0054



27.7016, 20.2763, 17.4235

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.



25.2527, -14.0100, 13.8386



25.2523, 1.1313, -34.0054



25.2527, 9.3898, 14.6556

Square

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



25.2527, 1.1319, -34.0048



25.2527, 27.5716, 3.5823



25.2527, -3.7373, 15.2364



25.2527, -21.2213, -1.0525

Rectangle

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



25.2523, 1.1313, -34.0054



25.2527, 21.9739, -15.3402



25.2527, -3.7373, 15.2364



25.2527, -18.4243, 11.2094

Sweetspot

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



25.2527, 1.1319, -34.0048



52.2337, -6.5059, -10.1447



40.3167, -32.0128, 18.7155



24.3149, -3.1699, -5.6003



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



25.2527, 1.1319, -34.0048



33.0645, 2.2931, -46.2779



13.4175, 31.3795, -84.5055



21.4030, -1.6482, -0.1740



24.7531, 1.0622, -33.2323

0.0000, NaN, NaN

Inverse Universe

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



22.8632, 41.2538, -1.5359



30.2901, 54.5703, -1.3383



43.0141, -8.5285, 26.3551



20.9321, 1.0687, 0.4301



22.3898, 40.4091, -1.5457

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 25.2523, 1.1313, -34.0054 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 25.2523, 1.1313, -34.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

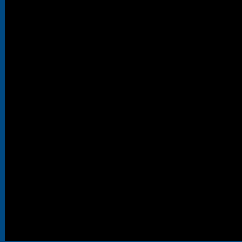
Any Text WCAG AA × Fail

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 25.2523, 1.1313, -34.0054 Background



This preview shows how black text looks on a background with the HunterLab color 25.2523, 1.1313, -34.0054.



This preview shows how white text looks on a background with the HunterLab color 25.2523, 1.1313, -34.0054.

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

25.2523, 1.1313, -34.0054

Protanopia

25.4372, 5.3294, -31.0326

Deuteranopia

25.2523, 1.1313, -34.0054



Tritanopia

25.2848, -12.4213, -4.7898

Trichromacy



Original Color

25.2523, 1.1313, -34.0054

Protanomaly

25.1519, 3.2224, -32.5855

Deuteranomaly

25.2523, 1.1313, -34.0054

Tritanomaly

24.9947, -8.0128, -13.9438

Monochromacy



Original Color

25.2523, 1.1313, -34.0054

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

21.4206, -2.9813, -10.0687

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.2523, 1.1313, -34.0054 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(0, 73, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 73, 130)  
}
```

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(0, 73, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 73, 130) }
```

Border

The CSS property to change the border of an element to HunterLab 25.2523, 1.1313, -34.0054 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(0, 73, 130) }
```


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

```
.border{ border-color:rgb(0, 73, 130) }
```

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

Here you see how a box with a 4 pixel rgb(0, 73, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 73, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 73, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 73, 130)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.2523, 1.1313, -34.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 73, 130) }
```

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

```
.background{ background-color: rgb(0, 73,  
130) }
```

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