

Converting Colors

HunterLab(25.2757, 44.3300,
-114.8781)

Have a look what the booklet for
HunterLab(25.2757, 44.3300,
-114.8781) contains.

HunterLab(25.3141, 44.0954, -114.5035)	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(25.3141, 44.0954,
-114.5035)**

Conversions

Conversions Part 1

Format	Color
Hex	2D29CA
RGB	45, 41, 202
RGB Percent	18%, 16%, 79%
CMY	0.8235, 0.8392, 0.2078
CMYK	0.78, 0.80, 0.00, 0.21
HSL	241°, 66%, 48%
HSV	241°, 80%, 79%
XYZ	12.5358, 6.4080, 56.4533
YIQ	60.5500, -49.2970, 50.9190

Conversions

Conversions Part 2

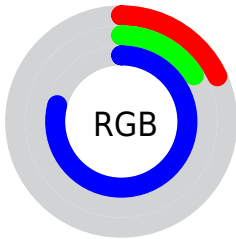
Format	Color
RYB	45, 41, 202
Decimal	2959818
CIELab	30.42, 54.43, -80.64
CIELCh	30, 97.289, 304.019
Yxy	6.4081, 0.1663, 0.0850
Android (android.graphics.Color)	4281149898 (0xFF2D29CA)
YUV	60.5500, 69.7348, -13.6373
Hunter-Lab	25.3141, 44.0954, -114.5035

Details

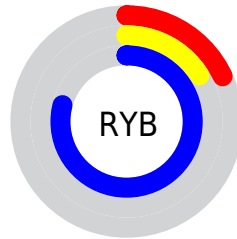
The HunterLab color **25.3141, 44.0954, -114.5035** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **73.7597, -20.6496, 43.4028**, and the grayscale version is **21.2267, -1.1326, 1.1533**.

A 20% lighter version of the original color is **42.8764, 46.4354, -103.5915**, and **14.4060, 39.0762, -102.3606** is the 20% darker color. If you saturate the color by 10%, you get **22.3694, 51.2943, -133.4209**, and if you desaturate by 10%, it is **29.5579, 35.8433, -93.2429**.

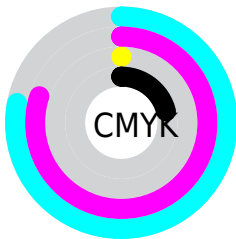
Distribution



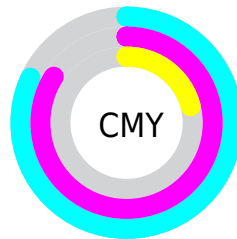
- Red (18%)
- Green (16%)
- Blue (79%)



- Red (18%)
- Yellow (16%)
- Blue (79%)



- Cyan (78%)
- Magenta (80%)
- Yellow (0%)
- Black (21%)



- Cyan (82%)
- Magenta (84%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.3141, 44.0954, -114.5035 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 25.3141, 44.0954, -114.5035 by changing the saturation by 10% instead.

■ 25.3141, 44.0954,
-114.5035

■ 25.3141, 44.0954,
-114.5035

■ 127.5346, 59.0090,
-110.0881

■ 17.5920, 42.1157,
-123.0367

■ 43.3269, 48.0890,
-108.1017

■ 10.8693, 40.5148,
-141.5736

■ 53.4712, 49.9571,
-107.1712

■ 2.1553, 119.8319,
-482.6750

■ 64.3030, 51.7184,
-106.9548

0.0000, INF, -NF

■ 75.7811, 53.3728,
-107.1828

0.0000, NaN, -NF

■ 87.8710, 54.9238,
-107.6947

0.0000, NaN, -NF

■ 100.5431, 56.3765,

0.0000, NaN, NaN

-108.3897

0.0000, NaN, NaN

113.7718, 57.7364,
-109.2022

■ 25.3141, 44.0954,
-114.5035

■ 25.3141, 44.0954,
-114.5035

■ 22.3694, 51.2943,
-133.4209

■ 29.5579, 35.8433,
-93.2429

■ 20.7690, 55.9386,
-145.7382

■ 34.8021, 27.9576,
-73.2602

■ 20.7287, 56.0698,
-146.0704

■ 40.7886, 20.9288,
-55.7228

■ 47.3323, 14.7606,
-40.5694

■ 54.3076, 9.3075,
-27.3768

■ 61.6287, 4.4103,
-15.7044

■ 69.2360, -0.0644,
-5.1886

■ 77.0869, -4.2195,
4.4497

■ 85.1497, -8.1325,
13.4189

Harmonies

Analogous

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



25.3142, 3.1905, -159.3006



25.3141, 44.0954, -114.5035



25.3142, 83.1692, -41.0998

Triad

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



25.3142, 44.0981, -114.5031



25.3142, 32.3535, 17.7200



25.3142, -38.4355, -3.1653

Complementary

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



25.3141, 44.0954, -114.5035



73.7597, -20.6496, 43.4028

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.



25.3142, -36.6399, 16.1106



25.3141, 44.0954, -114.5035



25.3142, -5.5953, 17.7200

Square

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



25.3142, 44.0981, -114.5031



25.3142, 74.3136, 17.7200



25.3142, -27.7320, 17.7200



25.3142, -35.1626, -59.7813

Rectangle

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



25.3141, 44.0954, -114.5035



25.3142, 95.9452, -5.6514



25.3142, -27.7320, 17.7200



25.3142, -38.3855, 6.8342

Sweetspot

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



25.3142, 44.0981, -114.5031



75.7366, 8.6070, -27.2440



67.6229, -33.6829, -7.9126



33.4567, 5.0611, -15.1812

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



25.3142, 44.0981, -114.5031



27.4851, 71.2666, -185.9011



31.8568, 55.1491, -83.4000



32.9501, -0.0923, -2.3169



16.6454, 44.9903, -117.0300



3.8434, 10.2650, -26.0672

Inverse Universe

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



42.6834, 73.0995, -46.6179



53.2112, 102.8971, -65.1740



68.0516, -42.7523, 39.3572



33.7620, 2.6423, -1.1088



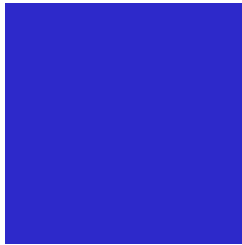
32.6726, 63.8949, -40.4538



7.4315, 14.5491, -9.3250

Previews

White Background



This preview shows how the HunterLab color 25.3141, 44.0954, -114.5035 looks on a white background.

Color Contrast Check

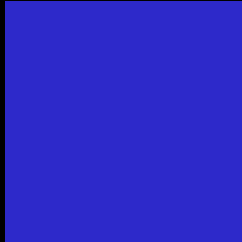
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3141, 44.0954, -114.5035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

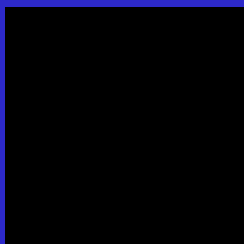
Any Text WCAG AA × Fail

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 25.3141, 44.0954, -114.5035 Background



This preview shows how black text looks on a background with the HunterLab color 25.3141, 44.0954, -114.5035.



This preview shows how white text looks on a background with the HunterLab color 25.3141, 44.0954, -114.5035.

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

25.3141, 44.0954, -114.5035

Protanopia

25.1010, 7.5516, -47.6758

Deuteranopia

25.1548, -1.2746, -28.6898



Tritanopia

24.9641, -12.2530, -4.7522

Trichromacy



Original Color

25.3141, 44.0954, -114.5035

Protanomaly

24.4771, 20.3229, -71.9483

Deuteranomaly

24.1297, 14.0225, -57.8772

Tritanomaly

23.2875, 4.7372, -36.6879

Monochromacy



Original Color

25.3141, 44.0954, -114.5035

Achromatopsia

21.6021, -1.1526, 1.1737

Achromatomaly

21.4951, 10.7085, -28.8499

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.3141, 44.0954, -114.5035 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(45, 41, 202)` looks like.

```
.text, #text, p{  
    color:rgb(45, 41, 202)  
}
```

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(45, 41, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 41, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 25.3141, 44.0954, -114.5035 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(45, 41, 202) }
```


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

```
.border{ border-color:rgb(45, 41, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 41, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 41, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 41, 202);  
box-shadow:4px 4px 4px 4px rgb(45, 41,  
202) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.3141, 44.0954, -114.5035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 41, 202) }
```

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

```
.background{ background-color: rgb(45, 41,  
202) }
```

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