

Converting Colors

HunterLab(30.2770, 50.1200,
-137.5878)

Have a look what the booklet for
HunterLab(30.2770, 50.1200,
-137.5878) contains.

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Color

**HunterLab(30.1857, 50.2707,
-137.8910)**

Conversions

Conversions Part 1

Format	Color
Hex	2835ED
RGB	40, 53, 237
RGB Percent	16%, 21%, 93%
CMY	0.8431, 0.7922, 0.0706
CMYK	0.83, 0.78, 0.00, 0.07
HSL	236°, 85%, 54%
HSV	236°, 83%, 93%
XYZ	17.4343, 9.1118, 80.9607
YIQ	70.0890, -66.8120, 54.4680

Conversions

Conversions Part 2

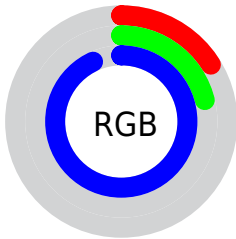
Format	Color
R_{YB}	40, 52, 237
Decimal	2635245
CIE _{Lab}	36.20, 59.10, -91.19
CIE _{LCh}	36, 108.669, 302.947
Yxy	9.1119, 0.1622, 0.0848
Android (android.graphics.Color)	4280825325 (0xFF2835ED)
YUV	70.0890, 82.2871, -26.3881
Hunter-Lab	30.1857, 50.2707, -137.8910

Details

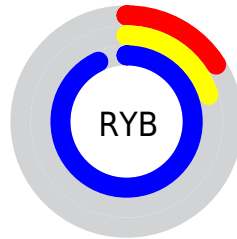
The HunterLab color **30.1857, 50.2707, -137.8910** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **84.5474, -17.1224, 50.3889**, and the grayscale version is **24.5163, -1.3081, 1.3320**.

A 20% lighter version of the original color is **45.9690, 40.1955, -92.9940**, and **18.2203, 48.1466, -126.7084** is the 20% darker color. If you saturate the color by 10%, you get **26.8328, 59.4236, -159.4617**, and if you desaturate by 10%, it is **34.9937, 40.3080, -113.4809**.

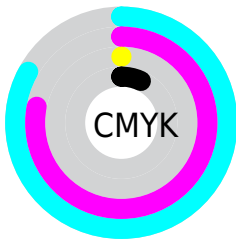
Distribution



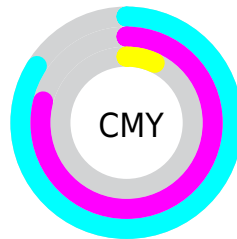
- Red (16%)
- Green (21%)
- Blue (93%)



- Red (16%)
- Yellow (20%)
- Blue (93%)



- Cyan (83%)
- Magenta (78%)
- Yellow (0%)
- Black (7%)



- Cyan (84%)
- Magenta (79%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1857, 50.2707, -137.8910 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 30.1857, 50.2707, -137.8910 by changing the saturation by 10% instead.

■ 30.1857, 50.2707,
-137.8910

■ 30.1857, 50.2707,
-137.8910

■ 135.7240, 65.9900,
-131.2589

■ 21.9413, 48.1814,
-146.7159

■ 49.1030, 54.4248,
-130.4944

■ 14.6242, 46.3287,
-163.9991

■ 59.6501, 56.3749,
-129.1798

■ 8.2840, 46.2626,
-205.5905

■ 70.8599, 58.2228,
-128.6701

0.0000, INF, -NF

■ 82.6954, 59.9676,
-128.6829

0.0000, NaN, -NF

■ 95.1251, 61.6122,
-129.0437

0.0000, NaN, -NF

■ 108.1218, 63.1609,

0.0000, NaN, -NF

-129.6397

0.0000, NaN, NaN

121.6618, 64.6186,
-130.3954

■ 30.1857, 50.2707,
-137.8910

■ 30.1857, 50.2707,
-137.8910

■ 26.8328, 59.4236,
-159.4617

■ 34.9937, 40.3080,
-113.4809

■ 25.4434, 63.9752,
-169.9062

■ 40.9404, 31.0589,
-90.2608

■ 47.7430, 23.0157,
-69.6771

■ 55.1936, 16.1360,
-51.7750

■ 63.1481, 10.2174,
-36.1357

■ 71.5070, 5.0497,
-22.2818

■ 80.2005, 0.4583,
-9.8041

■ 89.1785, -3.6916,
1.6185

■ 98.4037, -7.5012,
12.2301

Harmonies

Analogous

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



30.1859, 2.2979, -188.0317



30.1857, 50.2707, -137.8910



30.1859, 96.9757, -51.3215

Triad

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



30.1859, 50.2740, -137.8907



30.1859, 40.0945, 21.1301



30.1859, -45.7213, -2.2156

Complementary

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



30.1857, 50.2707, -137.8910



84.5474, -17.1224, 50.3889

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.



30.1859, -43.3479, 19.3467



30.1857, 50.2707, -137.8910



30.1859, -5.3330, 21.1301

Square

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



30.1859, 50.2740, -137.8907



30.1859, 89.3082, 20.6754



30.1859, -32.2968, 21.1301



30.1859, -42.0543, -67.4769

Rectangle

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



30.1857, 50.2707, -137.8910



30.1859, 112.9712, -8.3734



30.1859, -32.2968, 21.1301



30.1859, -45.5964, 9.0893

Sweetspot

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



30.1859, 50.2740, -137.8907



75.8688, 6.5469, -27.0695



81.4831, -44.8996, -1.8222



33.6096, 3.9299, -14.9436

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.1859, 50.2740, -137.8907



27.5947, 69.7448, -185.0499



34.6727, 65.7532, -114.4902



38.3512, -0.5069, -2.5384



18.9721, 46.5476, -124.1963



5.8199, 11.0891, -31.2125

Inverse Universe

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



44.4754, 67.9658, 24.1059



46.1518, 79.1226, 29.1530



82.0750, -48.9173, 48.2663



38.8203, 1.5223, 2.9788



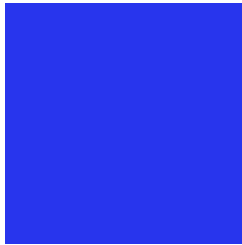
31.3945, 53.8481, 19.6354



8.8295, 15.2084, 5.0268

Previews

White Background



This preview shows how the HunterLab color 30.1857, 50.2707, -137.8910 looks on a white background.

Color Contrast Check

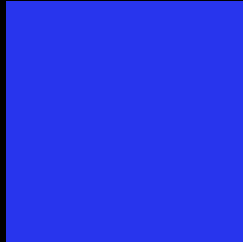
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.1857, 50.2707, -137.8910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

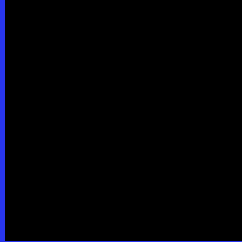
Any Text WCAG AA × Fail

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 30.1857, 50.2707, -137.8910 Background



This preview shows how black text looks on a background with the HunterLab color 30.1857, 50.2707, -137.8910.



This preview shows how white text looks on a background with the HunterLab color 30.1857, 50.2707, -137.8910.

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

30.1857, 50.2707, -137.8910

Protanopia

29.7071, 9.8604, -58.4170

Deuteranopia

29.7670, -1.0072, -35.0320



Tritanopia

29.8434, -14.8143, -5.3219

Trichromacy



Original Color

30.1857, 50.2707, -137.8910

Protanomaly

29.2372, 23.9326, -86.2648

Deuteranomaly

28.8930, 15.8439, -68.3503

Tritanomaly

28.0418, 4.5102, -42.7605

Monochromacy



Original Color

30.1857, 50.2707, -137.8910

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.9706, 11.5857, -35.3952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1857, 50.2707, -137.8910 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(40, 53, 237)` looks like.

```
.text, #text, p{  
    color:rgb(40, 53, 237)  
}
```

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(40, 53, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 53, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1857, 50.2707, -137.8910 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(40, 53, 237) }
```


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

```
.border{ border-color:rgb(40, 53, 237) }
```

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

Here you see how a box with a 4 pixel rgb(40, 53, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 53, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 53, 237);  
box-shadow:4px 4px 4px 4px rgb(40, 53,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1857, 50.2707, -137.8910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 53, 237) }
```

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

```
.background{ background-color: rgb(40, 53,  
237) }
```

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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