

Converting Colors

HunterLab(25.3719, 29.0066,
-87.1075)

Have a look what the booklet for
HunterLab(25.3719, 29.0066,
-87.1075) contains.

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Color

**HunterLab(25.3636, 29.0649,
-87.3152)**

Conversions

Conversions Part 1

Format	Color
Hex	2137B6
RGB	33, 55, 182
RGB Percent	13%, 22%, 71%
CMY	0.8705, 0.7843, 0.2863
CMYK	0.82, 0.70, 0.00, 0.29
HSL	231°, 69%, 42%
HSV	231°, 82%, 71%
XYZ	10.4369, 6.4331, 44.9477
YIQ	62.9000, -53.8790, 34.8330

Conversions

Conversions Part 2

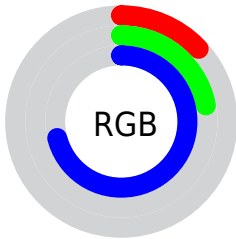
Format	Color
R _Y B	33, 52, 182
Decimal	2176950
CIE Lab	30.48, 39.09, -68.78
CIE LCh	30, 79.111, 299.611
Yxy	6.4332, 0.1688, 0.1041
Android (android.graphics.Color)	4280367030 (0xFF2137B6)
YUV	62.9000, 58.7163, -26.2223
Hunter-Lab	25.3636, 29.0649, -87.3152

Details

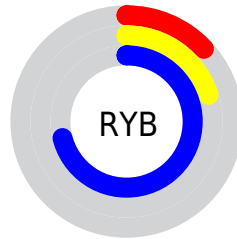
The HunterLab color **25.3636, 29.0649, -87.3152** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **59.3313, -7.1365, 34.9959**, and the grayscale version is **22.0775, -1.1780, 1.1995**.

A 20% lighter version of the original color is **43.3577, 32.2968, -84.3865**, and **13.6843, 28.9248, -79.5445** is the 20% darker color. If you saturate the color by 10%, you get **22.2721, 36.1923, -103.4558**, and if you desaturate by 10%, it is **29.2089, 22.4749, -71.4422**.

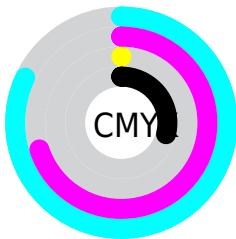
Distribution



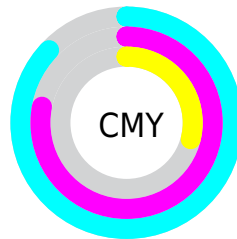
- Red (13%)
- Green (22%)
- Blue (71%)



- Red (13%)
- Yellow (20%)
- Blue (71%)



- Cyan (82%)
- Magenta (70%)
- Yellow (0%)
- Black (29%)



- Cyan (87%)
- Magenta (78%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.3636, 29.0649, -87.3152 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 25.3636, 29.0649, -87.3152 by changing the saturation by 10% instead.

■ 25.3636, 29.0649,
-87.3152

■ 25.3636, 29.0649,
-87.3152

■ 127.6196, 39.2757,
-88.4701

■ 17.6359, 27.3790,
-92.1211

■ 43.3862, 32.1017,
-84.3662

■ 10.9067, 25.6829,
-103.2402

■ 53.5348, 33.4324,
-84.2786

■ 2.3056, 74.5845,
-319.7361

■ 64.3706, 34.6473,
-84.6092

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 75.8525, 35.7552,
-85.1884

0.0000, NaN, -NF

■ 87.9460, 36.7648,
-85.9160

0.0000, NaN, -NF

■ 100.6216, 37.6836,

0.0000, NaN, NaN

-86.7298

0.0000, NaN, NaN

113.8536, 38.5186,
-87.5900

■ 25.3636, 29.0649,
-87.3152

■ 25.3636, 29.0649,
-87.3152

■ 22.2721, 36.1923,
-103.4558

■ 29.2089, 22.4749,
-71.4422

■ 20.3831, 41.6752,
-115.4420

■ 33.6419, 16.7739,
-56.9728

■ 38.5309, 11.9657,
-44.1480

■ 43.7789, 7.9225,
-32.8214

■ 49.3166, 4.4962,
-22.7388

■ 55.0942, 1.5565,
-13.6506

■ 61.0750, -1.0012,
-5.3462

■ 67.2318, -3.2576,
2.3424

■ 73.5435, -5.2746,
9.5460

Harmonies

Analogous

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



25.3638, -1.7003, -110.7309



25.3636, 29.0649, -87.3152



25.3638, 59.2966, -37.4404

Triad

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



25.3638, 29.0668, -87.3146



25.3638, 29.9273, 17.7547



25.3638, -34.8510, 1.7080

Complementary

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



25.3636, 29.0649, -87.3152



59.3313, -7.1365, 34.9959

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.



25.3638, -32.0500, 15.7066



25.3636, 29.0649, -87.3152



25.3638, -1.0073, 17.7547

Square

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



25.3638, 29.0668, -87.3146



25.3638, 59.9205, 15.5544



25.3638, -21.9476, 17.7547



25.3638, -32.2000, -36.1669

Rectangle

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



25.3636, 29.0649, -87.3152



25.3638, 70.7819, -9.0136



25.3638, -21.9476, 17.7547



25.3638, -34.5421, 8.6612

Sweetspot

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



25.3638, 29.0668, -87.3146



71.3777, 3.4403, -22.6051



60.2541, -35.3220, 3.9410



32.2655, 2.2708, -12.6431



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



25.3638, 29.0668, -87.3146



27.5814, 55.8900, -154.5040



25.3074, 45.6311, -87.2899



29.8792, -0.7611, -1.6027



17.3090, 34.3500, -95.7866



4.1705, 3.6211, -13.0297

Inverse Universe

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



33.6295, 50.0934, 15.2272



42.7552, 72.9438, 24.9562



61.8873, -32.7737, 36.1815



30.0554, 1.1941, 2.0052



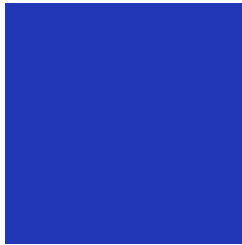
26.6173, 45.8146, 15.4033



5.0661, 8.8549, 1.8857

Previews

White Background



This preview shows how the HunterLab color 25.3636, 29.0649, -87.3152 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 25.3636, 29.0649, -87.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

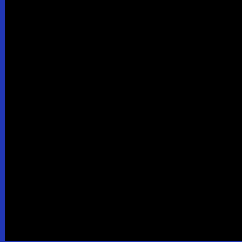
Any Text WCAG AA × Fail

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 25.3636, 29.0649, -87.3152 Background



This preview shows how black text looks on a background with the HunterLab color 25.3636, 29.0649, -87.3152.



This preview shows how white text looks on a background with the HunterLab color 25.3636, 29.0649, -87.3152.

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

25.3636, 29.0649, -87.3152

Protanopia

25.1626, 7.8672, -48.4340

Deuteranopia

25.2048, -1.0011, -29.3426



Tritanopia

25.2535, -12.6062, -4.3517

Trichromacy



Original Color

25.3636, 29.0649, -87.3152

Protanomaly

24.9963, 15.1203, -62.1347

Deuteranomaly

24.7726, 9.0295, -48.6910

Tritanomaly

24.3736, -0.2138, -28.2096

Monochromacy



Original Color

25.3636, 29.0649, -87.3152

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.3660, 5.8200, -22.2630

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.3636, 29.0649, -87.3152 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(33, 55, 182)` looks like.

```
.text, #text, p{  
    color:rgb(33, 55, 182)  
}
```

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(33, 55, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 55, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 25.3636, 29.0649, -87.3152 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(33, 55, 182) }
```


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

```
.border{ border-color:rgb(33, 55, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 55, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 55, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 55, 182);  
box-shadow:4px 4px 4px 4px rgb(33, 55,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.3636, 29.0649, -87.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 55, 182) }
```

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

```
.background{ background-color: rgb(33, 55,  
182) }
```

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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