

Converting Colors

HunterLab(23.5579, 10.3453,
-37.5134)

Have a look what the booklet for
HunterLab(23.5579, 10.3453,
-37.5134) contains.

HunterLab(23.5092, 10.5164, -37.7087)	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(23.5092, 10.5164,
-37.7087)**

Conversions

Conversions Part 1

Format	Color
Hex	2F3D81
RGB	47, 61, 129
RGB Percent	18%, 24%, 51%
CMY	0.8157, 0.7608, 0.4941
CMYK	0.64, 0.53, 0.00, 0.49
HSL	230°, 47%, 35%
HSV	230°, 64%, 51%
XYZ	6.8035, 5.5268, 21.4771
YIQ	64.5660, -30.1720, 18.1800

Conversions

Conversions Part 2

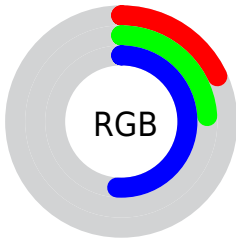
Format	Color
R_{YB}	47, 59, 129
Decimal	3095937
CIE _{Lab}	28.19, 17.15, -40.24
CIE _{LCh}	28, 43.741, 293.081
Yxy	5.5270, 0.2012, 0.1635
Android (android.graphics.Color)	4281286017 (0xFF2F3D81)
YUV	64.5660, 31.7660, -15.4054
Hunter-Lab	23.5092, 10.5164, -37.7087




Details

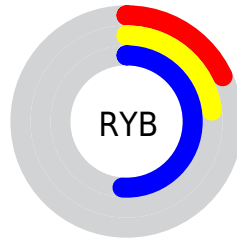
The HunterLab color **23.5092, 10.5164, -37.7087** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **41.3944, -4.7485, 21.5712**, and the grayscale version is **22.7409, -1.2134, 1.2356**.




A 20% lighter version of the original color is **41.0722, 11.4493, -38.3771**, and **10.3190, 10.6815, -35.9561** is the 20% darker color. If you saturate the color by 10%, you get **20.5767, 14.1245, -46.9177**, and if you desaturate by 10%, it is **26.7181, 7.4796, -29.4941**.

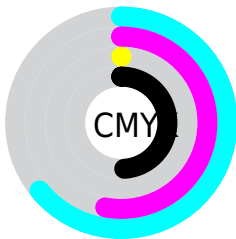
Distribution







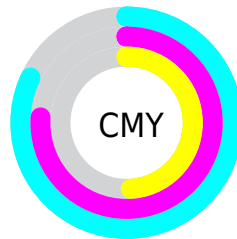
-  Red (18%)
-  Green (24%)
-  Blue (51%)






-  Red (18%)
-  Yellow (23%)
-  Blue (51%)



-  Cyan (64%)
-  Magenta (53%)
-  Yellow (0%)
-  Black (49%)



-  Cyan (82%)
-  Magenta (76%)
-  Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5092, 10.5164, -37.7087 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 23.5092, 10.5164, -37.7087 by changing the saturation by 10% instead.

■ 23.5092, 10.5164, -37.7087	■ 23.5092, 10.5164, -37.7087
■ 124.4157, 12.6913, -42.8483	■ 15.9989, 9.7673, -38.0099
■ 41.1601, 11.6078, -38.5611	■ 9.5207, 8.8452, -39.9656
■ 51.1445, 11.9899, -39.2084	0.0000, INF, -NF
■ 61.8266, 12.2823, -39.8825	0.0000, NaN, -NF
■ 73.1635, 12.4952, -40.5476	0.0000, NaN, -NF
■ 85.1195, 12.6365, -41.1848	0.0000, NaN, NaN
■ 97.6639, 12.7129,	0.0000, NaN, NaN

-41.7837

0.0000, NaN, NaN

110.7703, 12.7297,
-42.3391

■ 23.5092, 10.5164,
-37.7087

■ 23.5092, 10.5164,
-37.7087

■ 20.5767, 14.1245,
-46.9177

■ 26.7181, 7.4796,
-29.4941

■ 17.9936, 18.3264,
-57.0267

■ 30.1471, 4.9287,
-22.1836

■ 15.8516, 22.9724,
-67.5132

■ 33.7562, 2.7730,
-15.6301

■ 14.6954, 25.9034,
-74.2860

■ 37.5160, 0.9327,
-9.6898

■ 41.4042, -0.6568,
-4.2393

■ 45.4043, -2.0458,
0.8214

■ 49.5033, -3.2737,
5.5714

■ 53.6910, -4.3709,
10.0728

■ 57.9592, -5.3609,
14.3744

Harmonies

Analogous

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



23.5096, -4.4752, -42.2731



23.5092, 10.5164, -37.7087



23.5096, 24.9957, -20.4612

Triad

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



23.5096, 10.5169, -37.7080



23.5096, 17.6333, 14.0540



23.5096, -22.7893, 4.2159

Complementary

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



23.5092, 10.5164, -37.7087



41.3944, -4.7485, 21.5712

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.



23.5096, -19.4391, 12.1894



23.5092, 10.5164, -37.7087



23.5096, 2.1471, 15.5442

Square

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



23.5096, 10.5169, -37.7080



23.5096, 29.7425, 9.3945



23.5096, -11.0883, 14.9830



23.5096, -21.5714, -11.4487

Rectangle

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



23.5092, 10.5164, -37.7087



23.5096, 31.2354, -7.6698



23.5096, -11.0883, 14.9830



23.5096, -22.1933, 7.6869

Sweetspot

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



23.5096, 10.5169, -37.7080



52.3265, 0.3359, -9.8928



41.8560, -21.8242, 2.8725



24.3013, 0.4110, -5.5574



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.



23.5096, 10.5169, -37.7080



26.0137, 21.1804, -68.3683



22.4359, 22.1939, -40.6718



20.7877, -0.6261, -0.9300



14.5265, 25.5225, -73.2525

0.0000, NaN, NaN

Inverse Universe

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



26.5283, 27.0012, 6.9520



32.0191, 43.5334, 11.9931



43.3492, -18.3734, 22.7110



20.8694, 0.7313, 1.3236



21.4652, 37.0254, 11.8112

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 23.5092, 10.5164, -37.7087 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 23.5092, 10.5164, -37.7087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

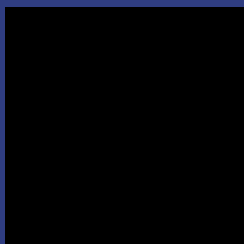
Any Text WCAG AA × Fail

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 23.5092, 10.5164, -37.7087 Background



This preview shows how black text looks on a background with the HunterLab color 23.5092, 10.5164, -37.7087.



This preview shows how white text looks on a background with the HunterLab color 23.5092, 10.5164, -37.7087.

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

23.5092, 10.5164, -37.7087

Protanopia

23.4354, 7.0305, -40.6642

Deuteranopia

23.3798, 0.2895, -29.8477



Tritanopia

23.3628, -9.9928, -4.5513

Trichromacy



Original Color

23.5092, 10.5164, -37.7087

Protanomaly

23.3874, 7.9924, -39.8848

Deuteranomaly

23.0864, 3.6440, -33.8353

Tritanomaly

23.1960, -3.7133, -14.6788

Monochromacy



Original Color

23.5092, 10.5164, -37.7087

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

22.9585, 1.3389, -9.6725

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5092, 10.5164, -37.7087 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(47, 61, 129)` looks like.

```
.text, #text, p{  
    color:rgb(47, 61, 129)  
}
```

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(47, 61, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 61, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5092, 10.5164, -37.7087 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(47, 61, 129) }
```


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

```
.border{ border-color:rgb(47, 61, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 61, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 61, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 61, 129);  
box-shadow:4px 4px 4px 4px rgb(47, 61,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.5092, 10.5164, -37.7087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 61, 129) }
```

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

```
.background{ background-color: rgb(47, 61,  
129) }
```

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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