

Converting Colors

HunterLab(23.2933, 39.8843,
-87.9787)

Have a look what the booklet for
HunterLab(23.2933, 39.8843,
-87.9787) contains.

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Color

**HunterLab(23.2831, 39.8975,
-88.2334)**

Conversions

Conversions Part 1

Format	Color
Hex	4123AF
RGB	65, 35, 175
RGB Percent	25%, 14%, 69%
CMY	0.7451, 0.8628, 0.3137
CMYK	0.63, 0.80, 0.00, 0.31
HSL	253°, 67%, 41%
HSV	253°, 80%, 69%
XYZ	10.5189, 5.4210, 41.0494
YIQ	59.9300, -27.0600, 49.9000

Conversions

Conversions Part 2

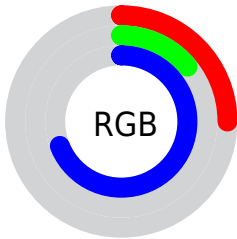
Format	Color
RYB	65, 35, 175
Decimal	4268975
CIELab	27.90, 50.82, -68.79
CIELCh	28, 85.528, 306.459
Yxy	5.4211, 0.1846, 0.0951
Android (android.graphics.Color)	4282459055 (0xFF4123AF)
YUV	59.9300, 56.7295, 4.4464
Hunter-Lab	23.2831, 39.8975, -88.2334

Details

The HunterLab color **23.2831, 39.8975, -88.2334** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **60.6634, -25.8047, 35.3748**, and the grayscale version is **21.0507, -1.1232, 1.1437**.

A 20% lighter version of the original color is **40.9375, 43.5505, -84.5813**, and **11.7494, 31.8702, -83.4842** is the 20% darker color. If you saturate the color by 10%, you get **20.5479, 45.0420, -103.5769**, and if you desaturate by 10%, it is **26.9214, 33.7277, -72.1422**.

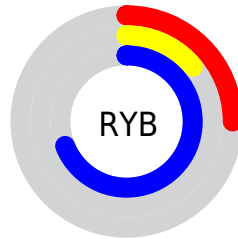
Distribution



Red (25%)

Green (14%)

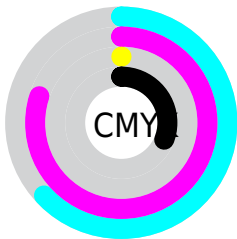
Blue (69%)



Red (25%)

Yellow (14%)

Blue (69%)

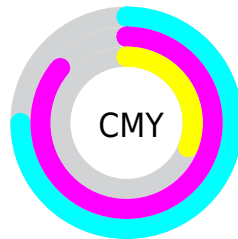


Cyan (63%)

Magenta (80%)

Yellow (0%)

Black (31%)



Cyan (75%)

Magenta (86%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2831, 39.8975, -88.2334 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 23.2831, 39.8975, -88.2334 by changing the saturation by 10% instead.

■ 23.2831, 39.8975,
-88.2334

■ 23.2831, 39.8975,
-88.2334

■ 124.0210, 54.0011,
-88.2573

■ 15.8000, 37.9819,
-94.1526

■ 40.8873, 43.7380,
-84.5052

■ 9.3533, 36.4781,
-108.2820

■ 50.8511, 45.5190,
-84.2677

0.0000, INF, -NF

■ 61.5140, 47.1890,
-84.5102

0.0000, NaN, -NF

■ 72.8329, 48.7493,
-85.0367

0.0000, NaN, -NF

■ 84.7718, 50.2046,
-85.7331

0.0000, NaN, -NF

■ 97.2998, 51.5611,

0.0000, NaN, NaN

0.0000, NaN, NaN

-86.5292

0.0000, NaN, NaN

110.3907, 52.8247,
-87.3804

23.2831, 39.8975,
-88.2334

23.2831, 39.8975,
-88.2334

20.5479, 45.0420,
-103.5769

26.9214, 33.7277,
-72.1422

18.7028, 48.5778,
-116.1970

31.2676, 27.4432,
-57.1585

36.1555, 21.4496,
-43.8544

41.4623, 15.8481,
-32.1701

47.1008, 10.6146,
-21.8444

■ 53.0097, 5.6875,
-12.5988

■ 59.1448, 1.0034,
-4.1948

■ 65.4739, -3.4931,
3.5565

■ 71.9724, -7.8462,
10.8009

Harmonies

Analogous

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



23.2833, 5.0935, -127.4751



23.2831, 39.8975, -88.2334



23.2833, 71.0163, -29.6476

Triad

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



23.2833, 39.8992, -88.2327



23.2833, 24.2426, 16.2983



23.2833, -34.1412, -5.2240

Complementary

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



23.2831, 39.8975, -88.2334



60.6634, -25.8047, 35.3748

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.



23.2833, -32.8111, 13.8151



23.2831, 39.8975, -88.2334



23.2833, -6.9679, 16.2983

Square

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



23.2833, 39.8992, -88.2327



23.2833, 59.3909, 16.2983



23.2833, -25.2891, 16.2983



23.2833, -30.5598, -53.8910

Rectangle

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



23.2831, 39.8975, -88.2334



23.2833, 79.9569, -2.1039



23.2833, -25.2891, 16.2983



23.2833, -34.2131, 4.1995

Sweetspot

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



23.2833, 39.8992, -88.2327



67.4106, 10.4767, -22.1652



49.3152, -18.0194, -18.6888



30.4824, 6.0331, -12.5130



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



23.2833, 39.8992, -88.2327



25.6411, 63.5541, -151.0458



30.4691, 52.1989, -59.2327



27.9944, 0.3201, -1.7055



15.8984, 41.1679, -97.7989



3.0562, 7.2514, -13.6647

Inverse Universe

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



35.1569, 57.2348, -22.5060



44.5257, 82.5379, -28.7959



56.8851, -40.8894, 32.6793



28.4925, 1.9008, -0.2252



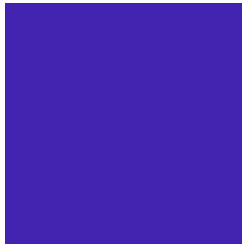
27.9994, 52.6384, -18.2533



4.7470, 9.0515, -4.0806

Previews

White Background



This preview shows how the HunterLab color 23.2831, 39.8975, -88.2334 looks on a white background.

Color Contrast Check

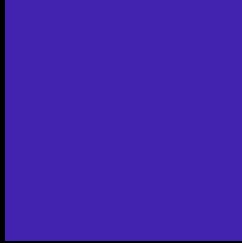
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2831, 39.8975, -88.2334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

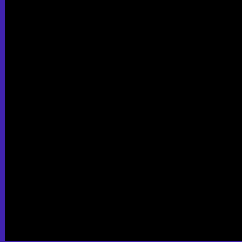
Any Text WCAG AA × Fail

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 23.2831, 39.8975, -88.2334 Background



This preview shows how black text looks on a background with the HunterLab color 23.2831, 39.8975, -88.2334.



This preview shows how white text looks on a background with the HunterLab color 23.2831, 39.8975, -88.2334.

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

23.2831, 39.8975, -88.2334

Protanopia

23.2121, 6.5680, -43.1915

Tritanopia

23.0859, -11.0666, -4.9659

Trichromacy



Original Color

23.2831, 39.8975, -88.2334

Protanomaly

22.1592, 18.2096, -62.1051

Tritanomaly

21.3003, 4.4403, -31.1098

Monochromacy



Original Color

23.2831, 39.8975, -88.2334

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

20.8593, 11.1496, -22.6812

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2831, 39.8975, -88.2334 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(65, 35, 175)` looks like.

```
.text, #text, p{  
    color:rgb(65, 35, 175)  
}
```

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(65, 35, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 35, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2831, 39.8975, -88.2334 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(65, 35, 175) }
```

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

```
.border{ border-color:rgb(65, 35, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 35, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 35, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 35, 175);  
box-shadow:4px 4px 4px 4px rgb(65, 35,  
175) }
```


Background

The CSS property to change the background color of an element to HunterLab 23.2831, 39.8975, -88.2334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 35, 175) }
```

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

```
.background{ background-color: rgb(65, 35,  
175) }
```

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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