

Converting Colors

HunterLab(23.8991, 13.0843,
-47.5599)

Have a look what the booklet for
HunterLab(23.8991, 13.0843,
-47.5599) contains.

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Color

**HunterLab(23.8991, 13.0843,
-47.5599)**

Conversions

Conversions Part 1

Format	Color
Hex	283D8D
RGB	40, 61, 141
RGB Percent	16%, 24%, 55%
CMY	0.8431, 0.7608, 0.4471
CMYK	0.72, 0.57, 0.00, 0.45
HSL	228°, 56%, 35%
HSV	228°, 72%, 55%
XYZ	7.3515, 5.7117, 25.9142
YIQ	63.8410, -38.1960, 20.4280

Conversions

Conversions Part 2

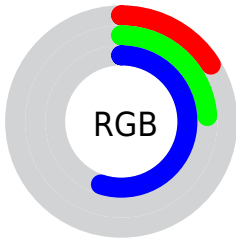
Format	Color
RYB	40, 57, 141
Decimal	2637197
CIELab	28.67, 20.48, -46.92
CIELCh	29, 51.195, 293.579
Yxy	5.7118, 0.1886, 0.1465
Android (android.graphics.Color)	4280827277 (0xFF283D8D)
YUV	63.8410, 38.0394, -20.9086
Hunter-Lab	23.8991, 13.0843, -47.5599

Details

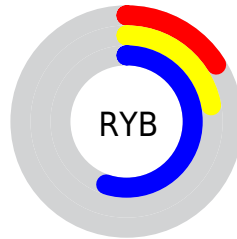
The HunterLab color **23.8991, 13.0843, -47.5599** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **43.8754, -3.2064, 24.2661**, and the grayscale version is **22.4694, -1.1989, 1.2208**.

A 20% lighter version of the original color is **41.6148, 14.4986, -47.6620**, and **11.1288, 14.1373, -44.4284** is the 20% darker color. If you saturate the color by 10%, you get **20.9958, 17.3683, -57.9188**, and if you desaturate by 10%, it is **27.1421, 9.4741, -38.1556**.

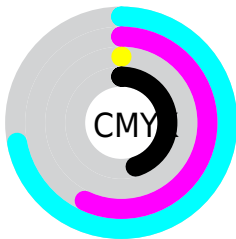
Distribution



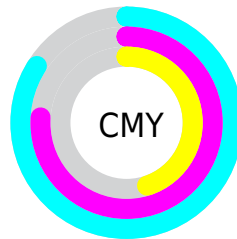
- Red (16%)
- Green (24%)
- Blue (55%)



- Red (16%)
- Yellow (22%)
- Blue (55%)



- Cyan (72%)
- Magenta (57%)
- Yellow (0%)
- Black (45%)



- Cyan (84%)
- Magenta (76%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.8991, 13.0843, -47.5599 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 23.8991, 13.0843, -47.5599 by changing the saturation by 10% instead.

■ 23.8991, 13.0843,
-47.5599

■ 23.8991, 13.0843,
-47.5599

■ 125.0939, 16.5823,
-52.7057

■ 16.3421, 12.1576,
-48.5481

■ 41.6296, 14.5138,
-47.9373

■ 9.8098, 11.0606,
-52.0298

■ 51.6491, 15.0541,
-48.5419

0.0000, INF, -NF

0.0000, NaN, -NF

■ 62.3640, 15.4978,
-49.2365

0.0000, NaN, -NF

■ 73.7319, 15.8559,
-49.9626

0.0000, NaN, NaN

■ 85.7172, 16.1369,
-50.6878

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 98.2896, 16.3480,

-51.3933

0.0000, NaN, NaN

111.4228, 16.4948,
-52.0681

■ 23.8991, 13.0843,
-47.5599

■ 23.8991, 13.0843,
-47.5599

■ 20.9958, 17.3683,
-57.9188

■ 27.1421, 9.4741,
-38.1556

■ 18.5170, 22.2636,
-68.8865

■ 30.6559, 6.4729,
-29.7335

■ 16.7842, 26.5118,
-78.2102

■ 34.3898, 3.9830,
-22.1846

■ 38.3059, 1.9081,
-15.3664

■ 42.3759, 0.1664,
-9.1428

■ 46.5785, -1.3079,
-3.3979

■ 50.8971, -2.5665,
1.9629

■ 55.3190, -3.6497,
7.0151

■ 59.8337, -4.5890,
11.8185

Harmonies

Analogous

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



23.8994, -4.7865, -53.9093



23.8991, 13.0843, -47.5599



23.8994, 30.7120, -25.1202

Triad

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



23.8994, 13.0851, -47.5592



23.8994, 21.1147, 15.3002



23.8994, -25.6713, 4.4918

Complementary

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



23.8991, 13.0843, -47.5599



43.8754, -3.2064, 24.2661

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.



23.8994, -22.1300, 13.3065



23.8991, 13.0843, -47.5599



23.8994, 2.4486, 16.7296

Square

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



23.8994, 13.0851, -47.5592



23.8994, 36.1730, 10.6254



23.8994, -12.8863, 16.2931



23.8994, -24.2811, -14.5677

Rectangle

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



23.8991, 13.0843, -47.5599



23.8994, 38.3288, -9.1322



23.8994, -12.8863, 16.2931



23.8994, -25.0594, 8.4659

Sweetspot

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



23.8994, 13.0851, -47.5592



56.8061, 0.1850, -12.0942



45.6463, -26.1619, 4.9512



26.2221, 0.3336, -6.6265



84.2951, -4.4978, 4.5799



32.6403, -1.7416, 1.7734

Same Dimension

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



23.8994, 13.0851, -47.5592



25.9598, 27.2365, -86.5953



21.6622, 27.9647, -55.1337



23.2925, -0.7987, -1.0072



16.0887, 25.1132, -74.3216



2.2646, 0.7009, -4.3436

Inverse Universe

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



27.4184, 33.9547, 7.9427



33.4330, 52.6059, 14.2982



47.6163, -20.9528, 26.4738



23.3266, 0.8977, 1.3890



22.9077, 39.5981, 11.9502



2.2989, 4.0886, 0.3105

Previews

White Background



This preview shows how the HunterLab color 23.8991, 13.0843, -47.5599 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 23.8991, 13.0843, -47.5599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

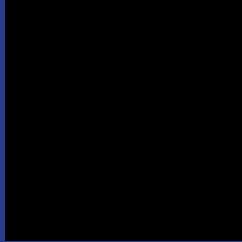
Any Text WCAG AA × Fail

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 23.8991, 13.0843, -47.5599 Background



This preview shows how black text looks on a background with the HunterLab color 23.8991, 13.0843, -47.5599.



This preview shows how white text looks on a background with the HunterLab color 23.8991, 13.0843, -47.5599.

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

23.8991, 13.0843, -47.5599

Protanopia

23.6972, 7.3237, -45.4293

Deuteranopia

23.6393, -0.1562, -29.2098



Tritanopia

23.6883, -11.5839, -4.6019

Trichromacy



Original Color

23.8991, 13.0843, -47.5599

Protanomaly

23.7327, 8.7894, -46.2443

Deuteranomaly

23.5166, 4.2060, -36.0579

Tritanomaly

23.3263, -4.2016, -17.6508

Monochromacy



Original Color

23.8991, 13.0843, -47.5599

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.6714, 1.9342, -12.4754

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.8991, 13.0843, -47.5599 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, 61, 141)` looks like.

```
.text, #text, p{  
    color:rgb(40, 61, 141)  
}
```

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, 61, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 61, 141) }
```

Border

The CSS property to change the border of an element to HunterLab 23.8991, 13.0843, -47.5599 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, 61, 141) }
```


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

```
.border{ border-color:rgb(40, 61, 141) }
```

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

Here you see how a box with a 4 pixel rgb(40, 61, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 61, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 61, 141);  
box-shadow:4px 4px 4px 4px rgb(40, 61,  
141) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.8991, 13.0843, -47.5599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 61, 141) }
```

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

```
.background{ background-color: rgb(40, 61,  
141) }
```

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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