

Converting Colors

HunterLab(23.3052, 10.3021,
-51.3688)

Have a look what the booklet for
HunterLab(23.3052, 10.3021,
-51.3688) contains.

HunterLab(23.2990, 10.4084, -51.5904)	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(23.2990, 10.4084,
-51.5904)**

Conversions

Conversions Part 1

Format	Color
Hex	003E8F
RGB	0, 62, 143
RGB Percent	0%, 24%, 56%
CMY	0.9999, 0.7569, 0.4392
CMYK	1.00, 0.57, 0.00, 0.44
HSL	214°, 100%, 28%
HSV	214°, 100%, 56%
XYZ	6.6806, 5.4284, 26.6823
YIQ	52.6960, -62.9530, 12.0470

Conversions

Conversions Part 2

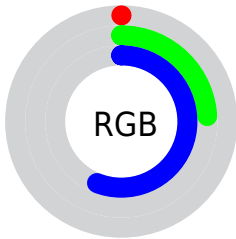
Format	Color
RYB	0, 43, 143
Decimal	16015
CIELab	27.92, 17.03, -49.43
CIELCh	28, 52.279, 289.009
Yxy	5.4286, 0.1722, 0.1399
Android (android.graphics.Color)	4278206095 (0xFF003E8F)
YUV	52.6960, 44.5199, -46.2144
Hunter-Lab	23.2990, 10.4084, -51.5904

Details

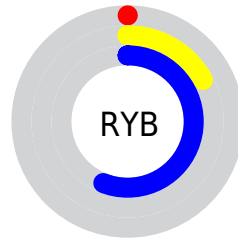
The HunterLab color **23.2990, 10.4084, -51.5904** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **34.2459, 14.4592, 21.3543**, and the grayscale version is **18.6376, -0.9945, 1.0126**.

A 20% lighter version of the original color is **40.9980, 11.5926, -51.7975**, and **11.6040, 13.8221, -44.3420** is the 20% darker color. If you saturate the color by 10%, you get **23.2962, 10.4147, -51.6005**, and if you desaturate by 10%, it is **25.4404, 6.9839, -44.7649**.

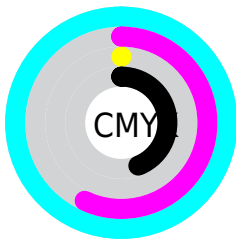
Distribution



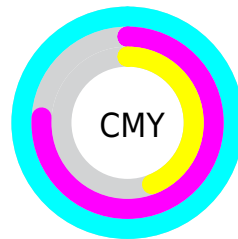
- Red (0%)
- Green (24%)
- Blue (56%)



- Red (0%)
- Yellow (17%)
- Blue (56%)



- Cyan (100%)
- Magenta (57%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (76%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.2990, 10.4084, -51.5904 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 23.2990, 10.4084, -51.5904 by changing the saturation by 10% instead.

■ 23.2990, 10.4084,
-51.5904

■ 23.2990, 10.4084,
-51.5904

■ 124.0489, 12.5535,
-56.4705

■ 15.8141, 9.6627,
-53.0586

■ 40.9066, 11.4938,
-51.6209

■ 9.3652, 8.7432,
-57.6800

■ 50.8718, 11.8725,
-52.1731

0.0000, INF, -NF

■ 61.5361, 12.1614,
-52.8523

0.0000, NaN, -NF

■ 72.8563, 12.3707,
-53.5861

0.0000, NaN, -NF

■ 84.7963, 12.5087,
-54.3342

0.0000, NaN, NaN

■ 97.3255, 12.5817,

0.0000, NaN, NaN

0.0000, NaN, NaN

-55.0727

0.0000, NaN, NaN

110.4175, 12.5951,
-55.7877

■ 23.2990, 10.4084,
-51.5904

■ 23.2990, 10.4084,
-51.5904

■ 23.2962, 10.4147,
-51.6005

■ 25.4404, 6.9839,
-44.7649

■ 27.7786, 4.0329,
-38.2779

■ 30.3303, 1.6722,
-32.0806

■ 33.0714, -0.1401,
-26.2127

■ 35.9794, -1.4641,
-20.6787

■ 39.0341, -2.3633,
-15.4609

■ 42.2184, -2.8971,
-10.5309

■ 45.5178, -3.1183,
-5.8563

■ 48.9201, -3.0719,
-1.4048

Harmonies

Analogous

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



23.2993, -7.1650, -54.7155



23.2990, 10.4084, -51.5904



23.2993, 28.9827, -29.8145

Triad

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



23.2993, 10.4095, -51.5898



23.2993, 24.3611, 14.7649



23.2993, -25.4638, 6.4601

Complementary

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



23.2990, 10.4084, -51.5904



34.2459, 14.4592, 21.3543

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.



23.2993, -21.1679, 13.8454



23.2990, 10.4084, -51.5904



23.2993, 5.3336, 16.3095

Square

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



23.2993, 10.4095, -51.5898



23.2993, 38.5031, 9.3040



23.2993, -10.9798, 16.3095



23.2993, -24.8255, -11.3302

Rectangle

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



23.2990, 10.4084, -51.5904



23.2993, 37.8883, -12.8781



23.2993, -10.9798, 16.3095



23.2993, -24.6130, 9.8952

Sweetspot

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



23.2993, 10.4095, -51.5898



56.2160, -3.8440, -14.5101



44.9497, -34.0994, 17.4292



26.1417, -1.7317, -8.1268



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



23.2993, 10.4095, -51.5898



30.6444, 15.0973, -70.8934



14.2475, 38.3100, -98.6921



23.6970, -1.4728, -0.5078



21.9975, 9.5948, -48.2074



2.9791, -0.5456, -2.5458

Inverse Universe

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



24.8756, 43.9935, 5.2360



33.2376, 58.6939, 7.7298



49.8667, -15.8482, 30.4495



23.3677, 1.1188, 0.8031



23.3983, 41.4015, 4.8006



2.3798, 4.3808, -0.8294

Previews

White Background



This preview shows how the HunterLab color 23.2990, 10.4084, -51.5904 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 23.2990, 10.4084, -51.5904 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

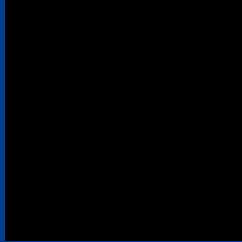
Any Text WCAG AA × Fail

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 23.2990, 10.4084, -51.5904 Background



This preview shows how black text looks on a background with the HunterLab color 23.2990, 10.4084, -51.5904.



This preview shows how white text looks on a background with the HunterLab color 23.2990, 10.4084, -51.5904.

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

23.2990, 10.4084, -51.5904

Protanopia

23.3332, 7.1889, -44.6832

Deuteranopia

23.2779, -0.2634, -28.5268



Tritanopia

23.3401, -11.6007, -4.1305

Trichromacy



Original Color

23.2990, 10.4084, -51.5904

Protanomaly

23.2789, 8.6254, -47.7163

Deuteranomaly

23.2439, 3.2043, -35.9701

Tritanomaly

23.1076, -4.9940, -18.1019

Monochromacy



Original Color

23.2990, 10.4084, -51.5904

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.5967, -0.1042, -14.5633

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.2990, 10.4084, -51.5904 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(0, 62, 143)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 143)  
}
```

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(0, 62, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 143) }
```

Border

The CSS property to change the border of an element to HunterLab 23.2990, 10.4084, -51.5904 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(0, 62, 143) }
```


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

```
.border{ border-color:rgb(0, 62, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 143);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 143)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.2990, 10.4084, -51.5904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 143) }
```

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

```
.background{ background-color: rgb(0, 62,  
143) }
```

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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