

Converting Colors

HunterLab(23.1142, -2.3489,
-6.7900)

Have a look what the booklet for
HunterLab(23.1142, -2.3489,
-6.7900) contains.

HunterLab(23.1142, -2.3489, -6.7900)	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(23.1142, -2.3489,
-6.7900)**

Conversions

Conversions Part 1

Format	Color
Hex	334353
RGB	51, 67, 83
RGB Percent	20%, 26%, 33%
CMY	0.8000, 0.7372, 0.6745
CMYK	0.39, 0.19, 0.00, 0.67
HSL	210°, 24%, 26%
HSV	210°, 39%, 33%
XYZ	4.9337, 5.3427, 8.9548
YIQ	64.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

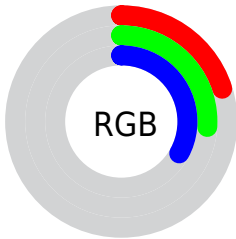
Format	Color
R_{YB}	51, 62, 83
Decimal	3359571
CIE Lab	27.69, -1.80, -11.65
CIE LCh	28, 11.786, 261.210
Yxy	5.3429, 0.2566, 0.2778
Android (android.graphics.Color)	4281549651 (0xFF334353)
YUV	64.0400, 9.3473, -11.4361
Hunter-Lab	23.1142, -2.3489, -6.7900

Details

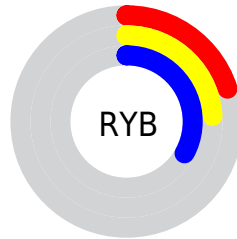
The HunterLab color **23.1142, -2.3489, -6.7900** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.6829, 1.4399, 7.7110**, and the grayscale version is **22.6293, -1.2074, 1.2295**.

A 20% lighter version of the original color is **40.7186, -3.5674, -6.7580**, and **9.1210, -1.2530, -6.3215** is the 20% darker color. If you saturate the color by 10%, you get **21.6109, -2.1829, -9.1740**, and if you desaturate by 10%, it is **24.6766, -2.3448, -4.4983**.

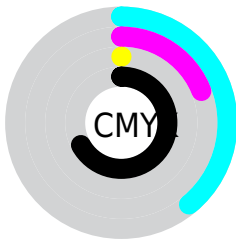
Distribution



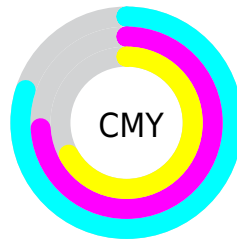
- Red (20%)
- Green (26%)
- Blue (33%)



- Red (20%)
- Yellow (24%)
- Blue (33%)



- Cyan (39%)
- Magenta (19%)
- Yellow (0%)
- Black (67%)



- Cyan (80%)
- Magenta (74%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.1142, -2.3489, -6.7900 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 23.1142, -2.3489, -6.7900 by changing the saturation by 10% instead.

■ 23.1142, -2.3489,
-6.7900

■ 23.1142, -2.3489,
-6.7900

■ 123.7262, -8.5706,
-5.9963

■ 15.6519, -1.8119,
-6.5270

■ 40.6837, -3.5227,
-7.0611

■ 9.2268, -1.3435,
-6.1916

■ 50.6322, -4.1574,
-7.0833

0.0000, NaN, -NF

■ 61.2807, -4.8227,
-7.0390

0.0000, NaN, NaN

■ 72.5861, -5.5174,
-6.9342

0.0000, NaN, NaN

■ 84.5121, -6.2404,
-6.7737

0.0000, NaN, NaN

■ 97.0280, -6.9909,

0.0000, NaN, NaN

0.0000, NaN, NaN

-6.5616

0.0000, NaN, NaN

110.1071, -7.7679,
-6.3015

■ 23.1142, -2.3489,
-6.7900

■ 23.1142, -2.3489,
-6.7900

■ 21.6109, -2.1829,
-9.1740

■ 24.6766, -2.3448,
-4.4983

■ 20.1713, -1.8231,
-11.6570

■ 26.2913, -2.1908,
-2.2930

■ 18.8028, -1.2456,
-14.2409

■ 27.9541, -1.9054,
-0.1657

■ 17.5127, -0.4265,
-16.9226

■ 29.6607, -1.5047,
1.8917

■ 16.3082, 0.6537,
-19.6922

■ 31.4077, -1.0025,
3.8869

■ 15.1508, 1.8559,
-22.6573

■ 33.1918, -0.4106,
5.8270

■ 14.9844, 2.0305,
-23.1124

■ 35.0104, 0.2609,
7.7187

■ 36.8609, 1.0034,
9.5678

■ 38.7414, 1.8094,
11.3795

Harmonies

Analogous

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



23.1146, -5.6690, -4.8943



23.1142, -2.3489, -6.7900



23.1146, 1.4901, -6.2707

Triad

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



23.1146, -2.3491, -6.7896



23.1146, 6.0382, 3.6515



23.1146, -6.6984, 5.2302

Complementary

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



23.1142, -2.3489, -6.7900



24.6829, 1.4399, 7.7110

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.



23.1146, -3.8386, 6.8820



23.1142, -2.3489, -6.7900



23.1146, 3.5615, 6.0790

Square

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



23.1146, -2.3491, -6.7896



23.1146, 6.5016, 0.1620



23.1146, -0.0985, 7.1652



23.1146, -8.0706, 2.3032

Rectangle

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



23.1142, -2.3489, -6.7900



23.1146, 3.8192, -4.6559



23.1146, -0.0985, 7.1652



23.1146, -5.8883, 5.9317

Sweetspot

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



23.1146, -2.3491, -6.7896



35.6380, -2.6489, -1.2739



26.9988, -11.1770, 4.9625



17.6309, -1.3259, -0.7101



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



23.1146, -2.3491, -6.7896



28.3964, -2.8814, -11.6534



19.3470, 4.2842, -13.0830



14.0790, -0.9630, -0.0990



18.6853, 3.2875, -30.4518



42.8092, 11.9014, -79.1995

Inverse Universe

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



21.4757, 10.3293, -1.2468



25.9957, 17.1371, -2.1016



28.6066, -5.0252, 11.0476



13.8491, 0.5316, 0.4146



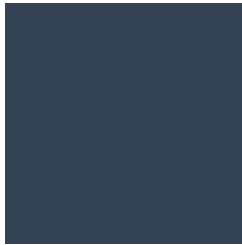
17.9625, 32.1555, 0.7997



42.9253, 76.4498, 4.9548

Previews

White Background



This preview shows how the HunterLab color 23.1142, -2.3489, -6.7900 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



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

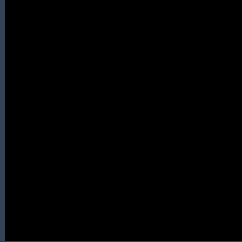
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

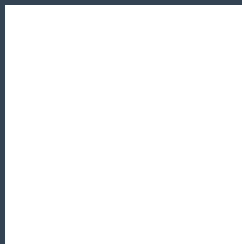
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 23.1142, -2.3489, -6.7900 Background



This preview shows how black text looks on a background with the HunterLab color 23.1142, -2.3489, -6.7900.



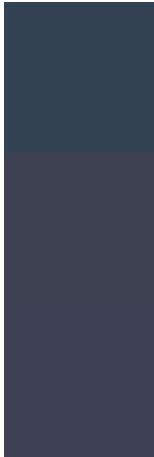
This preview shows how white text looks on a background with the HunterLab color 23.1142, -2.3489, -6.7900.

-6.7900.

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

23.1142, -2.3489, -6.7900

Protanopia

23.1663, 0.2961, -5.6431

Deuteranopia

23.0890, 1.4978, -7.2846



Tritanopia

23.2457, -5.1210, -2.2899

Trichromacy



Original Color

23.1142, -2.3489, -6.7900

Protanomaly

23.1851, -0.8587, -6.1421

Deuteranomaly

23.0656, 0.1512, -7.3444

Tritanomaly

23.1261, -4.0232, -3.8209

Monochromacy



Original Color

23.1142, -2.3489, -6.7900

Achromatopsia

22.6428, -1.2082, 1.2302

Achromatomaly

22.7274, -1.8283, -1.5789

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.1142, -2.3489, -6.7900 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(51, 67, 83)` looks like.

```
.text, #text, p{  
    color:rgb(51, 67, 83)  
}
```

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(51, 67, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 67, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 23.1142, -2.3489, -6.7900 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(51, 67, 83) }
```


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

```
.border{ border-color:rgb(51, 67, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 67, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 67, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 67, 83);  
box-shadow:4px 4px 4px 4px rgb(51, 67, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.1142, -2.3489, -6.7900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 67, 83) }
```

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

```
.background{ background-color: rgb(51, 67,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor