

Converting Colors

HunterLab(11.3135, 23.1353,
-64.0833)

Have a look what the booklet for
HunterLab(11.3135, 23.1353,
-64.0833) contains.

HunterLab(11.3135, 23.1353, -64.0833)	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(11.3135, 23.1353,
-64.0833)**

Conversions

Conversions Part 1

Format	Color
Hex	000B6A
RGB	0, 11, 106
RGB Percent	0%, 4%, 42%
CMY	1.0000, 0.9569, 0.5843
CMYK	1.00, 0.90, 0.00, 0.58
HSL	234°, 100%, 21%
HSV	234°, 100%, 42%
XYZ	2.7212, 1.2800, 13.7393
YIQ	18.5410, -37.0510, 27.2130

Conversions

Conversions Part 2

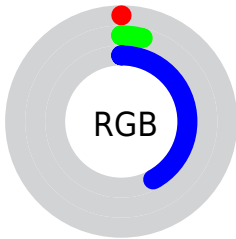
Format	Color
RYB	0, 10, 106
Decimal	2922
CIELab	11.13, 36.00, -53.53
CIELCh	11, 64.512, 303.923
Yxy	1.2800, 0.1534, 0.0721
Android (android.graphics.Color)	4278193002 (0xFF000B6A)
YUV	18.5410, 43.1173, -16.2605
Hunter-Lab	11.3135, 23.1353, -64.0833

Details

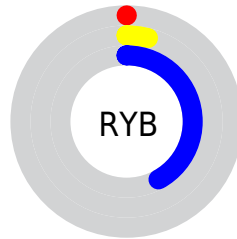
The HunterLab color **11.3135, 23.1353, -64.0833** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **33.5429, -5.2852, 20.5759**, and the grayscale version is **7.8216, -0.4173, 0.4250**.

A 20% lighter version of the original color is **26.0526, 26.3229, -58.1332**, and **6.3557, 11.1431, -31.9987** is the 20% darker color. If you saturate the color by 10%, you get **11.3122, 23.1404, -64.0927**, and if you desaturate by 10%, it is **12.7562, 19.5651, -55.1751**.

Distribution



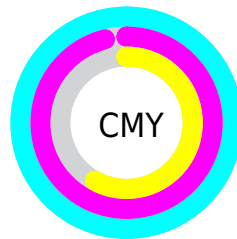
- Red (0%)
- Green (4%)
- Blue (42%)



- Red (0%)
- Yellow (4%)
- Blue (42%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (96%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.3135, 23.1353, -64.0833 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 11.3135, 23.1353, -64.0833 by changing the saturation by 10% instead.

■ 11.3135, 23.1353,
-64.0833

■ 11.3135, 23.1353,
-64.0833

■ 101.4707, 34.0964,
-61.5935

■ 3.5441, 44.5745,
-128.0573

■ 25.9013, 26.3624,
-58.1781

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 34.5670, 27.8176,
-57.8487

0.0000, NaN, -NF

■ 44.0283, 29.1417,
-58.0878

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.2234, 30.3419,
-58.6161

0.0000, NaN, NaN

■ 65.1027, 31.4282,
-59.2929

0.0000, NaN, NaN

■ 76.6256, 32.4103,

0.0000, NaN, NaN

-60.0414

■ 88.7580, 33.2971,
-60.8171

■ 11.3135, 23.1353,
-64.0833

■ 11.3135, 23.1353,
-64.0833

■ 11.3122, 23.1404,
-64.0927

■ 12.7562, 19.5651,
-55.1751

■ 14.5975, 15.7797,
-46.1123

■ 16.8191, 12.3117,
-37.4887

■ 19.3349, 9.2930,
-29.7369

■ 22.0793, 6.7064,
-22.8938

■ 25.0049, 4.4849,
-16.8457

■ 28.0780, 2.5566,
-11.4472

■ 31.2741, 0.8597,
-6.5648

■ 34.5753, -0.6554,
-2.0890

Harmonies

Analogous

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



11.3135, 1.6516, -90.0105



11.3135, 23.1353, -64.0833



11.3135, 44.3914, -22.3427

Triad

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



11.3135, 23.1370, -64.0835



11.3135, 17.0162, 7.9195



11.3135, -19.7986, -1.6523

Complementary

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



11.3135, 23.1353, -64.0833



33.5429, -5.2852, 20.5759

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.



11.3135, -19.7986, 7.9195



11.3135, 23.1353, -64.0833



11.3135, -2.6962, 7.9195

Square

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



11.3135, 23.1370, -64.0835



11.3135, 39.6538, 7.9195



11.3135, -15.1801, 7.9195



11.3135, -19.7986, -32.5500

Rectangle

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



11.3135, 23.1353, -64.0833



11.3135, 51.4679, -3.0725



11.3135, -15.1801, 7.9195



11.3135, -19.7986, 3.3880

Sweetspot

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



11.3135, 23.1370, -64.0835



36.8484, 3.5887, -15.7370



33.3314, -19.9953, 1.5041



17.2294, 2.0988, -8.6375



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



11.3135, 23.1370, -64.0835



14.6552, 31.9217, -87.2275



12.2675, 29.4858, -57.8275



17.5244, -0.4019, -0.8298



12.4829, 26.2297, -72.2248



27.0031, 63.8417, -171.5675

Inverse Universe

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



17.5744, 30.2305, 10.2907



23.2598, 39.9726, 13.9484



33.8299, -20.3749, 20.4886



17.6675, 0.5166, 1.2370



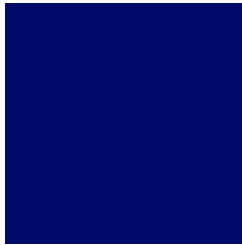
19.5695, 33.6510, 11.5785



44.1003, 75.6859, 27.2343

Previews

White Background



This preview shows how the HunterLab color 11.3135, 23.1353, -64.0833 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 11.3135, 23.1353, -64.0833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

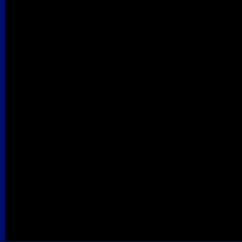
Any Text WCAG AA × Fail

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 11.3135, 23.1353, -64.0833 Background



This preview shows how black text looks on a background with the HunterLab color 11.3135, 23.1353, -64.0833.



This preview shows how white text looks on a background with the HunterLab color 11.3135, 23.1353, -64.0833.

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

11.3135, 23.1353, -64.0833

Protanopia

11.9928, 1.7795, -18.8315

Deuteranopia

11.9978, -1.4981, -11.7623



Tritanopia

12.0958, -6.2419, -1.6443

Trichromacy



Original Color

11.3135, 23.1353, -64.0833

Protanomaly

11.1685, 9.4128, -34.2792

Deuteranomaly

11.1660, 6.6670, -28.3487

Tritanomaly

10.9059, 2.3960, -18.8037

Monochromacy



Original Color

11.3135, 23.1353, -64.0833

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.2931, 5.6000, -17.1831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.3135, 23.1353, -64.0833 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, 11, 106)` looks like.

```
.text, #text, p{  
    color:rgb(0, 11, 106)  
}
```

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, 11, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 11, 106) }
```

Border

The CSS property to change the border of an element to HunterLab 11.3135, 23.1353, -64.0833 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, 11, 106) }
```


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

```
.border{ border-color:rgb(0, 11, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 11, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 11, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 11, 106);  
box-shadow:4px 4px 4px 4px rgb(0, 11, 106)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.3135, 23.1353, -64.0833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 11, 106) }
```

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

```
.background{ background-color: rgb(0, 11,  
106) }
```

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