

Converting Colors

HunterLab(13.0126, 5.8238,
-23.6316)

Have a look what the booklet for
HunterLab(13.0126, 5.8238,
-23.6316) contains.

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Color

**HunterLab(12.9924, 5.9395,
-23.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	11204D
RGB	17, 32, 77
RGB Percent	7%, 13%, 30%
CMY	0.9333, 0.8745, 0.6980
CMYK	0.78, 0.58, 0.00, 0.70
HSL	225°, 64%, 18%
HSV	225°, 78%, 30%
XYZ	2.0872, 1.6880, 7.2370
YIQ	32.6450, -23.3850, 10.8150

Conversions

Conversions Part 2

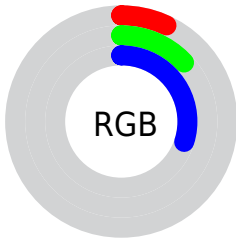
Format	Color
RYB	17, 29, 77
Decimal	1122381
CIELab	13.76, 11.76, -29.71
CIELCh	14, 31.951, 291.589
Yxy	1.6881, 0.1895, 0.1533
Android (android.graphics.Color)	4279312461 (0xFF11204D)
YUV	32.6450, 21.8670, -13.7207
Hunter-Lab	12.9924, 5.9395, -23.9310

Details

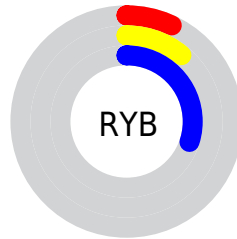
The HunterLab color **12.9924, 5.9395, -23.9310** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.5032, -0.6347, 12.4576**, and the grayscale version is **12.1598, -0.6488, 0.6607**.

A 20% lighter version of the original color is **28.2248, 6.6990, -24.6687**, and **3.8432, 6.3916, -18.6013** is the 20% darker color. If you saturate the color by 10%, you get **11.5959, 7.8835, -28.6163**, and if you desaturate by 10%, it is **14.5282, 4.2988, -19.6265**.

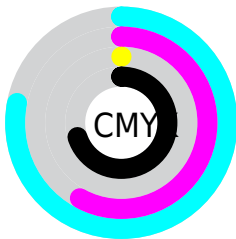
Distribution



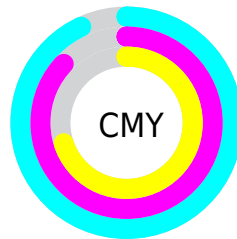
- Red (7%)
- Green (13%)
- Blue (30%)



- Red (7%)
- Yellow (11%)
- Blue (30%)



- Cyan (78%)
- Magenta (58%)
- Yellow (0%)
- Black (70%)



- Cyan (93%)
- Magenta (87%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9924, 5.9395, -23.9310 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 12.9924, 5.9395, -23.9310 by changing the saturation by 10% instead.

■ 12.9924, 5.9395,
-23.9310

■ 12.9924, 5.9395,
-23.9310

■ 104.8972, 6.8360,
-27.9296

■ 6.4492, 7.5989,
-27.9395

■ 28.0927, 6.7749,
-24.5915

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.9739, 7.0127,
-25.1629

0.0000, NaN, NaN

■ 46.6331, 7.1572,
-25.7363

0.0000, NaN, NaN

■ 57.0119, 7.2214,
-26.2772

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0636, 7.2148,
-26.7711

0.0000, NaN, NaN

■ 79.7494, 7.1447,

0.0000, NaN, NaN

-27.2121

92.0367, 7.0168,
-27.5982

12.9924, 5.9395,
-23.9310

12.9924, 5.9395,
-23.9310

11.5959, 7.8835,
-28.6163

14.5282, 4.2988,
-19.6265

10.3078, 9.9770,
-33.8598

16.1787, 2.9317,
-15.7102

10.0497, 10.4169,
-35.0482

17.9250, 1.7989,
-12.1472

19.7522, 0.8611,
-8.8893

21.6489, 0.0842,
-5.8877

■ 23.6060, -0.5602,
-3.0988

■ 25.6165, -1.0953,
-0.4853

■ 27.6747, -1.5394,
1.9838

■ 29.7759, -1.9073,
4.3337

Harmonies

Analogous

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



12.9926, -3.0168, -26.3064



12.9924, 5.9395, -23.9310



12.9926, 14.8976, -13.2818

Triad

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



12.9926, 5.9399, -23.9306



12.9926, 11.2066, 9.0948



12.9926, -13.4504, 2.7969

Complementary

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



12.9924, 5.9395, -23.9310



22.5032, -0.6347, 12.4576

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.



12.9926, -11.2465, 7.8609



12.9924, 5.9395, -23.9310



12.9926, 1.8045, 9.0948

Square

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



12.9926, 5.9399, -23.9306



12.9926, 18.4457, 5.2783



12.9926, -6.2167, 9.0948



12.9926, -12.8139, -6.4809

Rectangle

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



12.9924, 5.9395, -23.9310



12.9926, 18.9215, -5.2793



12.9926, -6.2167, 9.0948



12.9926, -13.0172, 4.7470

Sweetspot

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



12.9926, 5.9399, -23.9306



29.2382, -0.2525, -6.1546



24.0309, -14.1645, 3.3150



14.7117, -0.0344, -3.5576



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



12.9926, 5.9399, -23.9306



13.5763, 13.0029, -43.4525



11.1533, 14.6639, -30.1949



13.0901, -0.5445, -0.3451



12.9458, 15.3534, -49.3246



29.4067, 43.8015, -131.3108

Inverse Universe

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



14.4329, 18.2986, 3.6003



17.0234, 27.7284, 6.8510



25.2437, -10.6470, 14.1228



13.0727, 0.3610, 0.7147



17.0209, 29.5739, 7.7039



41.2789, 71.4158, 21.0575

Previews

White Background



This preview shows how the HunterLab color 12.9924, 5.9395, -23.9310 looks on a white background.

Color Contrast Check

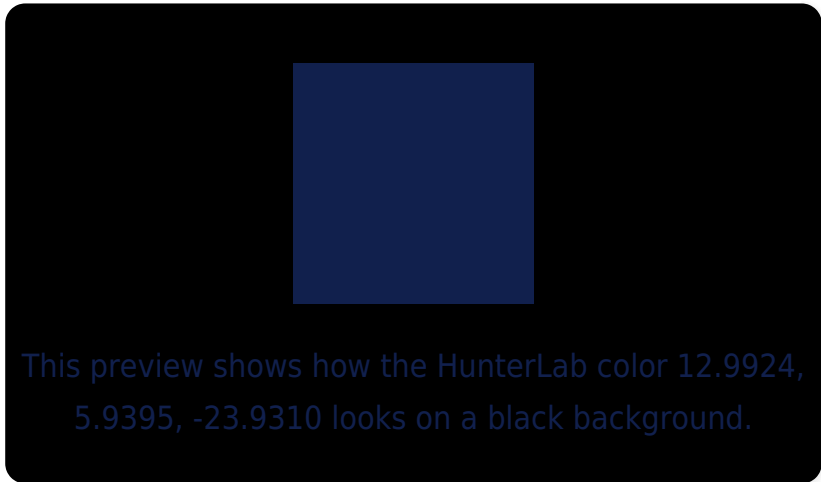
Large Text (above 18pt) WCAG AA ✓ Pass

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

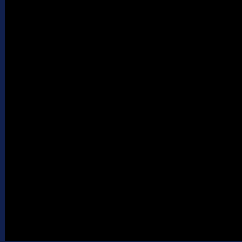
Any Text WCAG AA × Fail

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 12.9924, 5.9395, -23.9310 Background



This preview shows how black text looks on a background with the HunterLab color 12.9924, 5.9395, -23.9310.



This preview shows how white text looks on a background with the HunterLab color 12.9924, 5.9395, -23.9310.

-23.9310.

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

12.9924, 5.9395, -23.9310

Protanopia

12.7479, 2.5400, -21.4168

Deuteranopia

12.7304, -0.8522, -14.0723



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

12.9924, 5.9395, -23.9310

Protanomaly

12.7312, 3.7285, -22.2608

Deuteranomaly

12.8769, 1.3017, -17.2232

Tritanomaly

12.7972, -2.5012, -8.9040

Monochromacy



Original Color

12.9924, 5.9395, -23.9310

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.4196, 0.5461, -6.2091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9924, 5.9395, -23.9310 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(17, 32, 77)` looks like.

```
.text, #text, p{  
    color:rgb(17, 32, 77)  
}
```

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(17, 32, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 32, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9924, 5.9395, -23.9310 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(17, 32, 77) }
```


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

```
.border{ border-color:rgb(17, 32, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 32, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 32, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 32, 77);  
box-shadow:4px 4px 4px 4px rgb(17, 32, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9924, 5.9395, -23.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 32, 77) }
```

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

```
.background{ background-color: rgb(17, 32,  
77) }
```

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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