

Converting Colors

HunterLab(12.1159, 2.3002,
-20.1093)

Have a look what the booklet for
HunterLab(12.1159, 2.3002,
-20.1093) contains.

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Color

**HunterLab(12.0942, 2.3124,
-20.1085)**

Conversions

Conversions Part 1

Format	Color
Hex	002045
RGB	0, 32, 69
RGB Percent	0%, 13%, 27%
CMY	1.0000, 0.8745, 0.7294
CMYK	1.00, 0.54, 0.00, 0.73
HSL	212°, 100%, 14%
HSV	212°, 100%, 27%
XYZ	1.5907, 1.4627, 5.8287
YIQ	26.6500, -30.9490, 4.7230

Conversions

Conversions Part 2

Format	Color
RYB	0, 22, 69
Decimal	8261
CIELab	12.37, 5.62, -26.46
CIELCh	12, 27.053, 281.980
Yxy	1.4627, 0.1791, 0.1647
Android (android.graphics.Color)	4278198341 (0xFF002045)
YUV	26.6500, 20.8786, -23.3720
Hunter-Lab	12.0942, 2.3124, -20.1085

Details

The HunterLab color **12.0942, 2.3124, -20.1085** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.0893, 6.4137, 10.0260**, and the grayscale version is **10.3074, -0.5500, 0.5600**.

A 20% lighter version of the original color is **26.8515, 2.6909, -21.2525**, and **3.0314, 5.6662, -16.0208** is the 20% darker color. If you saturate the color by 10%, you get **12.0937, 2.3134, -20.1101**, and if you desaturate by 10%, it is **13.1070, 1.3377, -17.3689**.

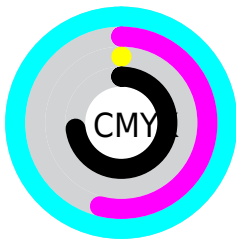
Distribution



- Red (0%)
- Green (13%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.0942, 2.3124, -20.1085 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 12.0942, 2.3124, -20.1085 by changing the saturation by 10% instead.

■ 12.0942, 2.3124,
-20.1085

■ 12.0942, 2.3124,
-20.1085

■ 103.0792, 0.3327,
-23.7779

■ 5.1214, 4.5045,
-27.3736

■ 26.9256, 2.3535,
-20.8890

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 35.6934, 2.2397,
-21.4346

0.0000, NaN, NaN

■ 45.2484, 2.0560,
-21.9583

0.0000, NaN, NaN

■ 55.5304, 1.8112,
-22.4357

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.4912, 1.5119,
-22.8578

0.0000, NaN, NaN

■ 78.0911, 1.1632,

0.0000, NaN, NaN

-23.2218

■ 90.2967, 0.7690,
-23.5280

■ 12.0942, 2.3124,
-20.1085

■ 12.0942, 2.3124,
-20.1085

■ 12.0937, 2.3134,
-20.1101

■ 13.1070, 1.3377,
-17.3689

■ 14.1385, 0.3944,
-14.8916

■ 15.2348, -0.3599,
-12.5302

■ 16.3957, -0.9206,
-10.2733

■ 17.6145, -1.3081,
-8.1202

■ 18.8855, -1.5428,
-6.0658

■ 20.2033, -1.6437,
-4.1026

■ 21.5635, -1.6276,
-2.2219

■ 22.9622, -1.5093,
-0.4150

Harmonies

Analogous

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



12.0944, -4.5771, -19.2774



12.0942, 2.3124, -20.1085



12.0944, 9.8779, -13.4747

Triad

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



12.0944, 2.3128, -20.1082



12.0944, 11.2343, 7.3587



12.0944, -11.2250, 4.0251

Complementary

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



12.0942, 2.3124, -20.1085



16.0893, 6.4137, 10.0260

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.



12.0944, -8.4738, 8.0495



12.0942, 2.3124, -20.1085



12.0944, 3.8619, 8.4661

Square

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



12.0944, 2.3128, -20.1082



12.0944, 15.7675, 3.0506



12.0944, -3.3451, 8.4661



12.0944, -11.4908, -2.3514

Rectangle

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



12.0942, 2.3124, -20.1085



12.0944, 13.8776, -7.1461



12.0944, -3.3451, 8.4661



12.0944, -10.5606, 5.5126

Sweetspot

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



12.0944, 2.3128, -20.1082



26.0432, -2.1285, -5.6317



20.9491, -15.7084, 7.7261



13.3744, -1.0988, -3.1908



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.0944, 2.3128, -20.1082



15.2916, 3.8245, -27.3692



6.6682, 17.8591, -45.6400



12.5162, -0.8033, -0.0948



16.9491, 4.6226, -31.1639



39.6185, 15.9774, -84.0102

Inverse Universe

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



11.7030, 20.9307, 0.6547



15.1626, 27.0403, 1.4739



23.3217, -6.9646, 14.2485



12.3450, 0.4148, 0.4235



16.9595, 30.2123, 1.9002



41.6506, 73.7887, 7.8382

Previews

White Background



This preview shows how the HunterLab color 12.0942, 2.3124, -20.1085 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

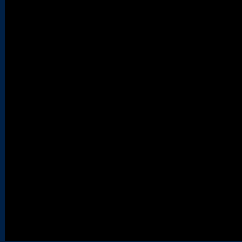
Any Text WCAG AA × Fail

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 12.0942, 2.3124, -20.1085 Background



This preview shows how black text looks on a background with the HunterLab color 12.0942, 2.3124, -20.1085.



This preview shows how white text looks on a background with the HunterLab color 12.0942, 2.3124, -20.1085.

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

12.0942, 2.3124, -20.1085

Protanopia

12.0432, 2.0448, -19.4670

Deuteranopia

12.0823, -1.0305, -12.8773



Tritanopia

12.1228, -6.0815, -2.0241

Trichromacy



Original Color

12.0942, 2.3124, -20.1085

Protanomaly

12.0432, 2.0448, -19.4670

Deuteranomaly

12.0274, 0.3388, -15.7647

Tritanomaly

11.9681, -3.3933, -7.6340

Monochromacy



Original Color

12.0942, 2.3124, -20.1085

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.7938, -0.8893, -5.3967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.0942, 2.3124, -20.1085 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, 32, 69)` looks like.

```
.text, #text, p{  
    color:rgb(0, 32, 69)  
}
```

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, 32, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 32, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 12.0942, 2.3124, -20.1085 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, 32, 69) }
```


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

```
.border{ border-color:rgb(0, 32, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 32, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 32, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 32, 69); box-shadow:4px  
4px 4px 4px rgb(0, 32, 69) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.0942, 2.3124, -20.1085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 32, 69) }
```

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

```
.background{ background-color: rgb(0, 32,  
69) }
```

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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