

Converting Colors

HunterLab(12.2100, 25.8495,
-30.3998)

Have a look what the booklet for
HunterLab(12.2100, 25.8495,
-30.3998) contains.

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Color

**HunterLab(12.2831, 25.9946,
-30.5081)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0052
RGB	58, 0, 82
RGB Percent	23%, 0%, 32%
CMY	0.7725, 1.0000, 0.6784
CMYK	0.29, 1.00, 0.00, 0.68
HSL	282°, 100%, 16%
HSV	282°, 100%, 32%
XYZ	3.2679, 1.5087, 8.1016
YIQ	26.6900, 8.2460, 37.7980

Conversions

Conversions Part 2

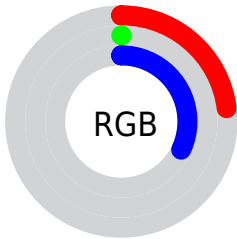
Format	Color
RYB	58, 0, 82
Decimal	3801170
CIELab	12.66, 39.04, -34.70
CIELCh	13, 52.229, 318.365
Yxy	1.5088, 0.2538, 0.1172
Android (android.graphics.Color)	4281991250 (0xFF3A0052)
YUV	26.6900, 27.2678, 27.4589
Hunter-Lab	12.2831, 25.9946, -30.5081

Details

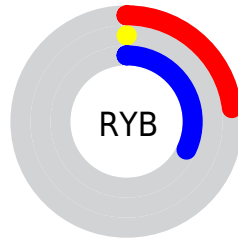
The HunterLab color **12.2831, 25.9946, -30.5081** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **24.9576, -19.4014, 15.0390**, and the grayscale version is **10.2920, -0.5492, 0.5592**.

A 20% lighter version of the original color is **27.1535, 29.3909, -30.4192**, and **3.5690, 9.6808, -25.3590** is the 20% darker color. If you saturate the color by 10%, you get **12.2832, 25.9948, -30.5079**, and if you desaturate by 10%, it is **13.2681, 23.8650, -27.0779**.

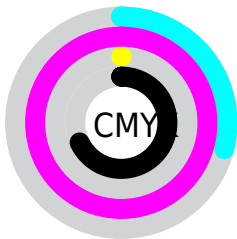
Distribution



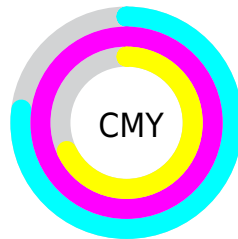
- Red (23%)
- Green (0%)
- Blue (32%)



- Red (23%)
- Yellow (0%)
- Blue (32%)



- Cyan (29%)
- Magenta (100%)
- Yellow (0%)
- Black (68%)



- Cyan (77%)
- Magenta (100%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2831, 25.9946, -30.5081 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 12.2831, 25.9946, -30.5081 by changing the saturation by 10% instead.

12.2831, 25.9946,
-30.5081

12.2831, 25.9946,
-30.5081

103.4644, 37.8090,
-34.4435

5.4306, 33.1292,
-40.6492

27.1721, 29.3726,
-30.5266

0.0000, INF, -NF

0.0000, NaN, -NF

35.9641, 30.9240,
-31.0734

0.0000, NaN, NaN

45.5413, 32.3489,
-31.6910

0.0000, NaN, NaN

55.8440, 33.6514,
-32.3142

0.0000, NaN, NaN

0.0000, NaN, NaN

66.8241, 34.8401,
-32.9123

0.0000, NaN, NaN

78.4423, 35.9238,

0.0000, NaN, NaN

-33.4706

90.6653, 36.9109,
-33.9820

12.2831, 25.9946,
-30.5081

12.2831, 25.9946,
-30.5081

12.2832, 25.9948,
-30.5079

13.2681, 23.8650,
-27.0779

14.2898, 21.8543,
-23.9331

15.5506, 19.3377,
-20.5149

17.0310, 16.4952,
-17.0070

18.7010, 13.4882,
-13.5489

■ 20.5326, 10.4237,
-10.2163

■ 22.5014, 7.3640,
-7.0399

■ 24.5872, 4.3413,
-4.0230

■ 26.7739, 1.3689,
-1.1556

Harmonies

Analogous

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



12.2833, 8.8291, -55.1252



12.2831, 25.9946, -30.5081



12.2833, 37.4266, -5.5592

Triad

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



12.2833, 25.9945, -30.5074



12.2833, 5.1413, 8.5983



12.2833, -19.7160, -10.1828

Complementary

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



12.2831, 25.9946, -30.5081



24.9576, -19.4014, 15.0390

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.



12.2833, -20.2790, 4.7847



12.2831, 25.9946, -30.5081



12.2833, -7.9231, 8.5983

Square

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



12.2833, 25.9945, -30.5074



12.2833, 22.2959, 8.5983



12.2833, -15.9793, 8.5983



12.2833, -14.4414, -36.8707

Rectangle

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



12.2831, 25.9946, -30.5081



12.2833, 37.9518, 3.7926



12.2833, -15.9793, 8.5983



12.2833, -20.4626, -3.5800

Sweetspot

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



12.2833, 25.9945, -30.5074



29.4475, 10.1590, -9.7388



11.3469, 9.4371, -34.5542



14.3106, 5.5127, -5.3163



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.



12.2833, 25.9945, -30.5074



16.0938, 34.1700, -40.8310



14.7734, 27.9301, -10.8463



13.8121, 0.5059, -0.4070



15.6990, 33.3228, -39.7599



37.0620, 79.1972, -97.9669

Inverse Universe

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



13.6375, 23.8378, 5.0637



17.9799, 31.3515, 7.2742



24.6440, -20.5727, 13.6078



13.8292, 0.4243, 0.6984



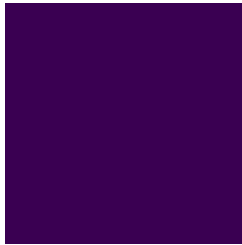
17.5297, 30.5725, 7.0456



41.9291, 72.7977, 19.3970

Previews

White Background



This preview shows how the HunterLab color 12.2831, 25.9946, -30.5081 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

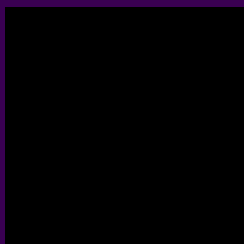
Any Text WCAG AA × Fail

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 12.2831, 25.9946, -30.5081 Background



This preview shows how black text looks on a background with the HunterLab color 12.2831, 25.9946, -30.5081.



This preview shows how white text looks on a background with the HunterLab color 12.2831, 25.9946, -30.5081.

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

12.2831, 25.9946, -30.5081

Protanopia

13.3550, 2.4967, -22.0823

Deuteranopia

13.3401, -0.9125, -14.7040



Tritanopia

13.5153, 4.3561, 1.7653

Trichromacy



Original Color

12.2831, 25.9946, -30.5081

Protanomaly

11.4990, 10.7800, -29.8892

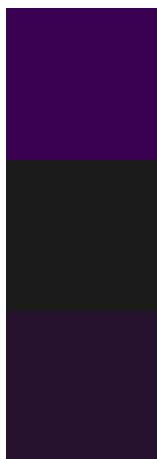
Deuteranomaly

11.3163, 8.6776, -24.9970

Tritanomaly

12.2320, 12.3897, -7.4269

Monochromacy



Original Color

12.2831, 25.9946, -30.5081

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.0906, 9.1037, -9.4247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2831, 25.9946, -30.5081 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(58, 0, 82)` looks like.

```
.text, #text, p{  
    color:rgb(58, 0, 82)  
}
```

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(58, 0, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 0, 82) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2831, 25.9946, -30.5081 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(58, 0, 82) }
```


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

```
.border{ border-color:rgb(58, 0, 82) }
```

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

Here you see how a box with a 4 pixel rgb(58, 0, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 0, 82); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 0, 82); box-shadow:4px  
4px 4px 4px rgb(58, 0, 82) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2831, 25.9946, -30.5081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 0, 82) }
```

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

```
.background{ background-color: rgb(58, 0,  
82) }
```

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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