

Converting Colors

HunterLab(5.2282, 19.7619,
-182.3468)

Have a look what the booklet for
HunterLab(5.2282, 19.7619,
-182.3468) contains.

HunterLab(12.3446, 25.8806, -71.2985)	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(12.3446, 25.8806,
-71.2985)**

Conversions

Conversions Part 1

Format	Color
Hex	000C74
RGB	0, 12, 116
RGB Percent	0%, 5%, 45%
CMY	0.9999, 0.9530, 0.5451
CMYK	1.00, 0.90, 0.00, 0.55
HSL	234°, 100%, 23%
HSV	234°, 100%, 45%
XYZ	3.2838, 1.5239, 16.6440
YIQ	20.2680, -40.5360, 29.8000

Conversions

Conversions Part 2

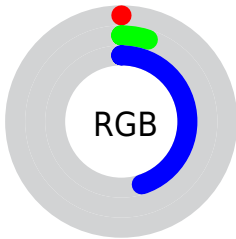
Format	Color
RYB	0, 11, 116
Decimal	3188
CIELab	12.76, 38.89, -57.35
CIELCh	13, 69.294, 304.140
Yxy	1.5239, 0.1531, 0.0710
Android (android.graphics.Color)	4278193268 (0xFF000C74)
YUV	20.2680, 47.1959, -17.7750
Hunter-Lab	12.3446, 25.8806, -71.2985

Details

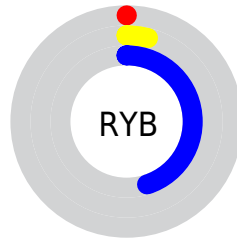
The HunterLab color **12.3446, 25.8806, -71.2985** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **36.9013, -5.7830, 22.6366**, and the grayscale version is **8.3172, -0.4438, 0.4519**.

A 20% lighter version of the original color is **27.1452, 29.3344, -64.7454**, and **6.4425, 16.2723, -43.1798** is the 20% darker color. If you saturate the color by 10%, you get **12.3431, 25.8865, -71.3092**, and if you desaturate by 10%, it is **13.8763, 21.9388, -61.6645**.

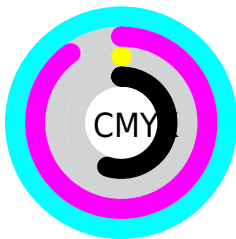
Distribution



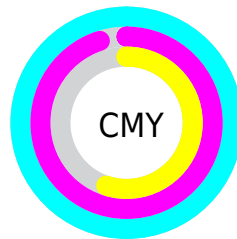
- Red (0%)
- Green (5%)
- Blue (45%)



- Red (0%)
- Yellow (4%)
- Blue (45%)



- Cyan (100%)
- Magenta (90%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (95%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3446, 25.8806, -71.2985 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 12.3446, 25.8806, -71.2985 by changing the saturation by 10% instead.

■ 12.3446, 25.8806,
-71.2985

■ 12.3446, 25.8806,
-71.2985

■ 103.5890, 37.6428,
-67.7652

■ 5.5268, 32.4971,
-101.4965

■ 27.2519, 29.2524,
-64.6744

0.0000, INF, -NF

0.0000, NaN, -NF

■ 36.0518, 30.7972,
-64.1644

0.0000, NaN, -NF

■ 45.6361, 32.2152,
-64.2962

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9454, 33.5109,
-64.7663

0.0000, NaN, NaN


■ 66.9318, 34.6929,
-65.4187


0.0000, NaN, NaN


■ 78.5560, 35.7701,


0.0000, NaN, NaN


-66.1667


 90.7845, 36.7509,
-66.9592


 12.3446, 25.8806,
-71.2985


 12.3446, 25.8806,
-71.2985


 12.3431, 25.8865,
-71.3092

 13.8763, 21.9388,
-61.6645

 15.8816, 17.7150,
-51.5883

 18.3233, 13.8217,
-41.9321

 21.1020, 10.4293,
-33.2391

 24.1415, 7.5258,
-25.5717

■ 27.3872, 5.0367,
-18.8062

■ 30.8000, 2.8802,
-12.7776

■ 34.3518, 0.9856,
-7.3335

■ 38.0220, -0.7037,
-2.3487

Harmonies

Analogous

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



12.3446, 1.9800, -100.6807



12.3446, 25.8806, -71.2985



12.3446, 49.5099, -24.5888

Triad

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



12.3446, 25.8825, -71.2987



12.3446, 18.6988, 8.6412



12.3446, -21.6031, -1.9917

Complementary

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



12.3446, 25.8806, -71.2985



36.9013, -5.7830, 22.6366

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.



12.3446, -21.6031, 8.6412



12.3446, 25.8806, -71.2985



12.3446, -3.0940, 8.6412

Square

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



12.3446, 25.8825, -71.2987



12.3446, 43.9341, 8.6412



12.3446, -15.9174, 8.6412



12.3446, -21.6031, -36.6299

Rectangle

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



12.3446, 25.8806, -71.2985



12.3446, 57.3095, -3.2491



12.3446, -15.9174, 8.6412



12.3446, -21.6031, 3.6196

Sweetspot

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



12.3446, 25.8825, -71.2987



40.4797, 4.0257, -17.5272



36.6872, -22.0331, 1.7085



19.0247, 2.4165, -9.8287



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



12.3446, 25.8825, -71.2987



16.0429, 35.5675, -96.8322



13.4436, 32.3964, -64.0203



19.0924, -0.4249, -0.9447



13.0152, 27.6544, -75.9657



27.6163, 65.4627, -175.8331

Inverse Universe

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



19.3386, 33.2514, 11.4325



25.6181, 44.0125, 15.4627



37.2168, -22.5212, 22.5379



19.2521, 0.5947, 1.3549



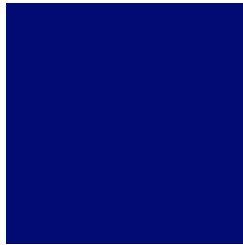
20.4817, 35.2129, 12.1693



45.1434, 77.4729, 27.9039

Previews

White Background



This preview shows how the HunterLab color 12.3446, 25.8806, -71.2985 looks on a white background.

Color Contrast Check

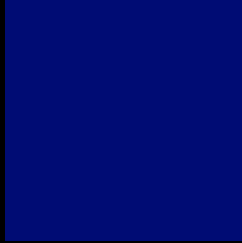
Large Text (above 18pt) WCAG AA ✓ Pass

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 12.3446, 25.8806, -71.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

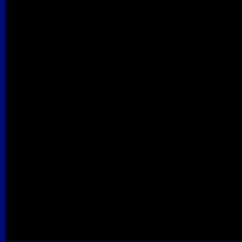
Any Text WCAG AA × Fail

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 12.3446, 25.8806, -71.2985 Background



This preview shows how black text looks on a background with the HunterLab color 12.3446, 25.8806, -71.2985.



This preview shows how white text looks on a background with the HunterLab color 12.3446, 25.8806, -71.2985.

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

12.3446, 25.8806, -71.2985

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

12.3446, 25.8806, -71.2985

Protanomaly

12.2684, 10.4682, -37.9322

Deuteranomaly

11.9988, 7.8365, -31.9142

Tritanomaly

11.6543, 3.1684, -21.4065

Monochromacy



Original Color

12.3446, 25.8806, -71.2985

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

8.7310, 6.3105, -19.0543

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3446, 25.8806, -71.2985 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, 12, 116)` looks like.

```
.text, #text, p{  
    color:rgb(0, 12, 116)  
}
```

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, 12, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 12, 116) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3446, 25.8806, -71.2985 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, 12, 116) }
```


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

```
.border{ border-color:rgb(0, 12, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 12, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 12, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 12, 116);  
box-shadow:4px 4px 4px 4px rgb(0, 12, 116)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3446, 25.8806, -71.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 12, 116) }
```

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

```
.background{ background-color: rgb(0, 12,  
116) }
```

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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