

Converting Colors

HunterLab(12.4636, 2.6206,
-54.1450)

Have a look what the booklet for
HunterLab(12.4636, 2.6206,
-54.1450) contains.

HunterLab(15.2401, 10.3443, -41.3793)	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(15.2401, 10.3443,
-41.3793)**

Conversions

Conversions Part 1

Format	Color
Hex	002568
RGB	0, 37, 104
RGB Percent	0%, 15%, 41%
CMY	1.0000, 0.8549, 0.5922
CMYK	1.00, 0.64, 0.00, 0.59
HSL	219°, 100%, 20%
HSV	219°, 100%, 41%
XYZ	3.1602, 2.3226, 13.3784
YIQ	33.5750, -43.5590, 12.9930

Conversions

Conversions Part 2

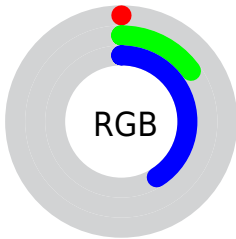
Format	Color
RYB	0, 27, 104
Decimal	9576
CIELab	17.10, 18.12, -42.37
CIELCh	17, 46.079, 293.160
Yxy	2.3227, 0.1676, 0.1231
Android (android.graphics.Color)	4278199656 (0xFF002568)
YUV	33.5750, 34.7195, -29.4453
Hunter-Lab	15.2401, 10.3443, -41.3793

Details

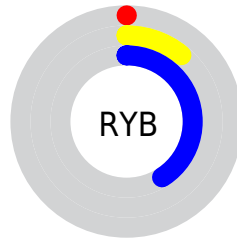
The HunterLab color **15.2401, 10.3443, -41.3793** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **26.3793, 6.0532, 16.3601**, and the grayscale version is **12.4182, -0.6626, 0.6747**.

A 20% lighter version of the original color is **30.9633, 11.9316, -40.9384**, and **5.5429, 13.6368, -36.3661** is the 20% darker color. If you saturate the color by 10%, you get **15.2387, 10.3478, -41.3849**, and if you desaturate by 10%, it is **16.8694, 7.7096, -35.5005**.

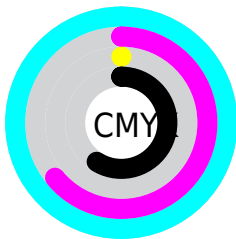
Distribution



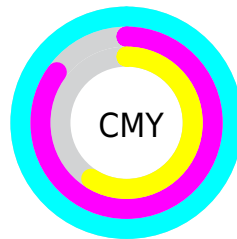
- Red (0%)
- Green (15%)
- Blue (41%)



- Red (0%)
- Yellow (11%)
- Blue (41%)



- Cyan (100%)
- Magenta (64%)
- Yellow (0%)
- Black (59%)



- Cyan (100%)
- Magenta (85%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2401, 10.3443, -41.3793 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 15.2401, 10.3443, -41.3793 by changing the saturation by 10% instead.

■ 15.2401, 10.3443, -41.3793	■ 15.2401, 10.3443, -41.3793
■ 109.3159, 13.8223, -45.3077	■ 8.8638, 9.4424, -44.3372
■ 30.9682, 11.8419, -40.8958	0.0000, INF, -NF
■ 40.1166, 12.3903, -41.3852	0.0000, NaN, -NF
■ 50.0220, 12.8316, -42.0171	0.0000, NaN, -NF
■ 60.6303, 13.1795, -42.7014	0.0000, NaN, NaN
■ 71.8977, 13.4448, -43.3923	0.0000, NaN, NaN
■ 83.7878, 13.6360,	0.0000, NaN, NaN

-44.0651

96.2695, 13.7600,
-44.7060

15.2401, 10.3443,
-41.3793

15.2401, 10.3443,
-41.3793

15.2387, 10.3478,
-41.3849

16.8694, 7.7096,
-35.5005

18.6346, 5.3391,
-30.0941

20.5679, 3.3920,
-25.0201

22.6453, 1.8320,
-20.3040

24.8462, 0.6097,
-15.9317

■ 27.1537, -0.3246,
-11.8704

■ 29.5540, -1.0159,
-8.0809

■ 32.0358, -1.5027,
-4.5247

■ 34.5899, -1.8170,
-1.1666

Harmonies

Analogous

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



15.2403, -3.6845, -46.8789



15.2401, 10.3443, -41.3793



15.2403, 24.8681, -21.4963

Triad

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



15.2403, 10.3452, -41.3789



15.2403, 17.3056, 10.6682



15.2403, -18.6813, 3.4038

Complementary

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



15.2401, 10.3443, -41.3793



26.3793, 6.0532, 16.3601

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.



15.2403, -16.1291, 10.1652



15.2401, 10.3443, -41.3793



15.2403, 2.2861, 10.6682

Square

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



15.2403, 10.3452, -41.3789



15.2403, 29.7399, 7.5800



15.2403, -9.4694, 10.6682



15.2403, -17.7132, -11.8369

Rectangle

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



15.2401, 10.3443, -41.3793



15.2403, 31.3443, -7.8162



15.2403, -9.4694, 10.6682



15.2403, -18.2101, 6.2449

Sweetspot

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



15.2403, 10.3452, -41.3789



38.8694, -1.2787, -11.1196



32.0820, -23.1497, 9.8750



18.7083, -0.5033, -6.2467



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.



15.2403, 10.3452, -41.3789



19.6809, 14.9310, -56.8311



10.4502, 27.4549, -67.3854



17.0532, -0.9008, -0.3967



16.7490, 11.8986, -46.6205



36.2056, 32.3149, -115.0123

Inverse Universe

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



17.5410, 30.7977, 5.4319



23.1891, 40.6349, 7.8305



34.7579, -13.6824, 21.1776



16.9146, 0.6438, 0.7403



19.4595, 34.1412, 6.2478



44.2675, 77.3334, 16.7916

Previews

White Background



This preview shows how the HunterLab color 15.2401, 10.3443, -41.3793 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 15.2401, 10.3443, -41.3793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

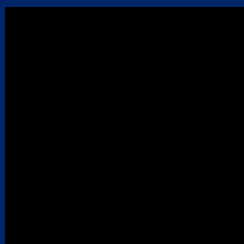
Any Text WCAG AA × Fail

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 15.2401, 10.3443, -41.3793 Background



This preview shows how black text looks on a background with the HunterLab color 15.2401, 10.3443, -41.3793.



This preview shows how white text looks on a background with the HunterLab color 15.2401, 10.3443, -41.3793.

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

15.2401, 10.3443, -41.3793

Protanopia

15.3639, 3.1972, -26.1054

Deuteranopia

15.1966, -1.0971, -16.6261



Tritanopia

15.3392, -7.5906, -2.7868

Trichromacy



Original Color

15.2401, 10.3443, -41.3793

Protanomaly

15.2504, 5.8411, -31.6708

Deuteranomaly

15.0259, 3.0787, -25.4270

Tritanomaly

14.9785, -2.3047, -13.7466

Monochromacy



Original Color

15.2401, 10.3443, -41.3793

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.9939, 0.9070, -10.8573

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2401, 10.3443, -41.3793 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, 37, 104)` looks like.

```
.text, #text, p{  
    color:rgb(0, 37, 104)  
}
```

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, 37, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 37, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2401, 10.3443, -41.3793 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, 37, 104) }
```


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

```
.border{ border-color:rgb(0, 37, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 37, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 37, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 37, 104);  
box-shadow:4px 4px 4px 4px rgb(0, 37, 104)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.2401, 10.3443, -41.3793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 37, 104) }
```

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

```
.background{ background-color: rgb(0, 37,  
104) }
```

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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