

Converting Colors

HunterLab(12.5182, 16.6236,
-51.5323)

Have a look what the booklet for
HunterLab(12.5182, 16.6236,
-51.5323) contains.

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Color

**HunterLab(12.5383, 16.5624,
-51.4254)**

Conversions

Conversions Part 1

Format	Color
Hex	001766
RGB	0, 23, 102
RGB Percent	0%, 9%, 40%
CMY	1.0000, 0.9098, 0.6000
CMYK	1.00, 0.77, 0.00, 0.60
HSL	226°, 100%, 20%
HSV	226°, 100%, 40%
XYZ	2.7047, 1.5721, 12.7312
YIQ	25.1290, -39.0670, 19.6930

Conversions

Conversions Part 2

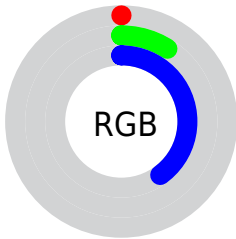
Format	Color
RYB	0, 19, 102
Decimal	5990
CIELab	13.06, 27.40, -47.70
CIELCh	13, 55.004, 299.872
Yxy	1.5721, 0.1590, 0.0924
Android (android.graphics.Color)	4278196070 (0xFF001766)
YUV	25.1290, 37.8974, -22.0381
Hunter-Lab	12.5383, 16.5624, -51.4254

Details

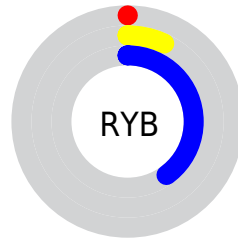
The HunterLab color **12.5383, 16.5624, -51.4254** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **29.0144, 0.1417, 17.8805**, and the grayscale version is **9.7966, -0.5227, 0.5323**.

A 20% lighter version of the original color is **27.5120, 19.1968, -48.5952**, and **6.1228, 10.2793, -29.8430** is the 20% darker color. If you saturate the color by 10%, you get **12.5369, 16.5667, -51.4328**, and if you desaturate by 10%, it is **14.1419, 13.2876, -43.7547**.

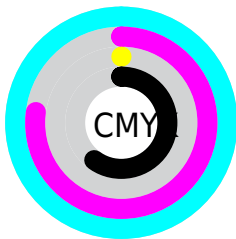
Distribution



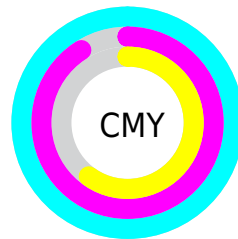
- Red (0%)
- Green (9%)
- Blue (40%)



- Red (0%)
- Yellow (7%)
- Blue (40%)



- Cyan (100%)
- Magenta (77%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (91%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5383, 16.5624, -51.4254 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 12.5383, 16.5624, -51.4254 by changing the saturation by 10% instead.

■ 12.5383, 16.5624,
-51.4254

■ 12.5383, 16.5624,
-51.4254

■ 103.9820, 24.2340,
-52.8466

■ 5.8197, 20.4760,
-68.4150

■ 27.5040, 19.1179,
-48.6605

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 36.3284, 20.1765,
-48.8259

0.0000, NaN, -NF

■ 45.9353, 21.1050,
-49.3185

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2656, 21.9178,
-49.9659

0.0000, NaN, NaN

■ 67.2717, 22.6276,
-50.6805

0.0000, NaN, NaN

■ 78.9144, 23.2446,

0.0000, NaN, NaN

-51.4150

■ 91.1606, 23.7776,
-52.1423

■ 12.5383, 16.5624,
-51.4254

■ 12.5383, 16.5624,
-51.4254

■ 12.5369, 16.5667,
-51.4328

■ 14.1419, 13.2876,
-43.7547

■ 15.9697, 10.2142,
-36.6500

■ 18.0383, 7.5826,
-30.0695

■ 20.3016, 5.3790,
-24.1073

■ 22.7235, 3.5488,
-18.7343

■ 25.2767, 2.0293,
-13.8747

■ 27.9404, 0.7633,
-9.4445

■ 30.6988, -0.2968,
-5.3665

■ 33.5398, -1.1896,
-1.5750

Harmonies

Analogous

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



12.5384, -0.7323, -65.9538



12.5383, 16.5624, -51.4254



12.5384, 33.9404, -21.4266

Triad

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



12.5384, 16.5636, -51.4252



12.5384, 16.7252, 8.7769



12.5384, -21.4952, 0.7420

Complementary

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



12.5383, 16.5624, -51.4254



29.0144, 0.1417, 17.8805

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.



12.5384, -18.9128, 8.7769



12.5383, 16.5624, -51.4254



12.5384, -0.6069, 8.7769

Square

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



12.5384, 16.5636, -51.4252



12.5384, 34.0599, 8.7769



12.5384, -11.9003, 8.7769



12.5384, -18.9556, -21.1787

Rectangle

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



12.5383, 16.5624, -51.4254



12.5384, 40.5627, -4.9688



12.5384, -11.9003, 8.7769



12.5384, -21.1974, 4.5308

Sweetspot

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



12.5384, 16.5636, -51.4252



36.6893, 1.1452, -12.9981



31.7108, -20.9663, 5.6255



17.3114, 0.7841, -7.1312



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



12.5384, 16.5636, -51.4252



16.1410, 23.3700, -70.6240



10.9333, 27.4926, -60.9496



16.8954, -0.6372, -0.5912



14.0174, 19.3584, -59.3099



30.2006, 50.0626, -145.8190

Inverse Universe

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



16.9907, 29.4580, 8.1569



22.4660, 38.8884, 11.3023



33.1522, -16.8932, 20.1320



16.8986, 0.5576, 0.9685



19.2403, 33.3341, 9.4521



43.8105, 75.6477, 23.4957

Previews

White Background



This preview shows how the HunterLab color 12.5383, 16.5624, -51.4254 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 12.5383, 16.5624, -51.4254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

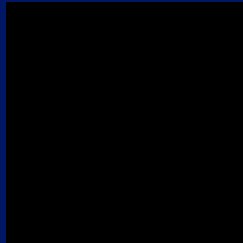
Any Text WCAG AA × Fail

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 12.5383, 16.5624, -51.4254 Background



This preview shows how black text looks on a background with the HunterLab color 12.5383, 16.5624, -51.4254.



This preview shows how white text looks on a background with the HunterLab color 12.5383, 16.5624, -51.4254.

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

12.5383, 16.5624, -51.4254

Protanopia

12.6962, 2.2692, -20.7676

Deuteranopia

12.8843, -1.7128, -12.4067



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

12.5383, 16.5624, -51.4254

Protanomaly

12.4623, 7.2043, -31.1287

Deuteranomaly

12.4693, 4.2470, -24.7536

Tritanomaly

12.3054, 0.1873, -15.7849

Monochromacy



Original Color

12.5383, 16.5624, -51.4254

Achromatopsia

9.8596, -0.5261, 0.5357

Achromatomaly

10.1018, 3.2242, -13.4874

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5383, 16.5624, -51.4254 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, 23, 102)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 102)  
}
```

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, 23, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5383, 16.5624, -51.4254 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, 23, 102) }
```


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

```
.border{ border-color:rgb(0, 23, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 102);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5383, 16.5624, -51.4254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 102) }
```

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

```
.background{ background-color: rgb(0, 23,  
102) }
```

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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