

Converting Colors

HunterLab(12.1760, 28.7303,
-53.2044)

Have a look what the booklet for
HunterLab(12.1760, 28.7303,
-53.2044) contains.

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Color

**HunterLab(12.1363, 28.6880,
-53.4300)**

Conversions

Conversions Part 1

Format	Color
Hex	2B0066
RGB	43, 0, 102
RGB Percent	17%, 0%, 40%
CMY	0.8314, 1.0000, 0.6000
CMYK	0.58, 1.00, 0.00, 0.60
HSL	265°, 100%, 20%
HSV	265°, 100%, 40%
XYZ	3.3945, 1.4729, 12.6758
YIQ	24.4850, -7.1140, 40.8380

Conversions

Conversions Part 2

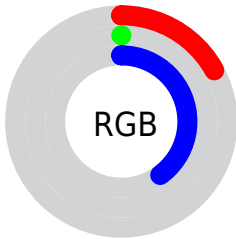
Format	Color
R_{YB}	43, 0, 102
Decimal	2818150
CIE Lab	12.44, 42.10, -48.63
CIE LCh	12, 64.319, 310.880
Yxy	1.4730, 0.1935, 0.0840
Android (android.graphics.Color)	4281008230 (0xFF2B0066)
YUV	24.4850, 38.2149, 16.2377
Hunter-Lab	12.1363, 28.6880, -53.4300

Details

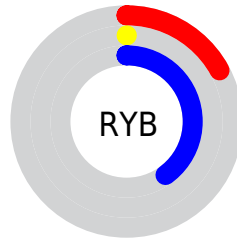
The HunterLab color **12.1363, 28.6880, -53.4300** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **32.2994, -20.2990, 19.5474**, and the grayscale version is **9.5937, -0.5119, 0.5212**.

A 20% lighter version of the original color is **26.9112, 32.1444, -50.2097**, and **5.1608, 13.9988, -36.6699** is the 20% darker color. If you saturate the color by 10%, you get **12.1366, 28.6883, -53.4287**, and if you desaturate by 10%, it is **13.5325, 26.0583, -46.2800**.

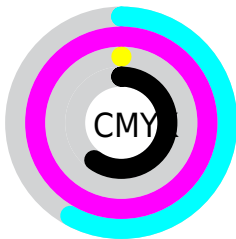
Distribution



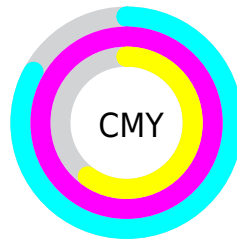
- Red (17%)
- Green (0%)
- Blue (40%)



- Red (17%)
- Yellow (0%)
- Blue (40%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (100%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1363, 28.6880, -53.4300 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 12.1363, 28.6880, -53.4300 by changing the saturation by 10% instead.

■ 12.1363, 28.6880,
-53.4300

■ 12.1363, 28.6880,
-53.4300

■ 103.1653, 41.4567,
-54.1993

■ 5.1921, 37.8663,
-77.1857

■ 26.9807, 32.2065,
-50.1208

0.0000, INF, -NF

0.0000, NaN, -NF

■ 35.7539, 33.8701,
-50.2058

0.0000, NaN, -NF

■ 45.3139, 35.4133,
-50.6596

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.6005, 36.8357,
-51.2906

0.0000, NaN, NaN


■ 66.5657, 38.1434,
-52.0023


0.0000, NaN, NaN


■ 78.1697, 39.3442,


0.0000, NaN, NaN


-52.7422


 90.3791, 40.4462,
-53.4804


 12.1363, 28.6880,
-53.4300


 12.1363, 28.6880,
-53.4300


 12.1366, 28.6883,
-53.4287

 13.5325, 26.0583,
-46.2800

 15.1014, 23.4570,
-39.6371

 17.0329, 20.3281,
-32.9051

 19.2631, 16.9942,
-26.5233

 21.7349, 13.6389,
-20.6588

■ 24.4027, 10.3463,
-15.3238

■ 27.2316, 7.1450,
-10.4639

■ 30.1952, 4.0363,
-6.0059

■ 33.2735, 1.0107,
-1.8785

Harmonies

Analogous

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



12.1366, 6.0964, -85.3916



12.1363, 28.6880, -53.4300



12.1366, 47.6760, -14.4022

Triad

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



12.1366, 28.6883, -53.4287



12.1366, 11.8995, 8.4956



12.1366, -21.2390, -6.7201

Complementary

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



12.1363, 28.6880, -53.4300



32.2994, -20.2990, 19.5474

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.



12.1366, -21.2390, 8.3685



12.1363, 28.6880, -53.4300



12.1366, -6.1808, 8.4956

Square

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



12.1366, 28.6883, -53.4287



12.1366, 34.8723, 8.4956



12.1366, -17.1084, 8.4956



12.1366, -19.4549, -41.8098

Rectangle

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



12.1363, 28.6880, -53.4300



12.1366, 51.7464, 1.1247



12.1366, -17.1084, 8.4956



12.1366, -21.2390, 0.1775

Sweetspot

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



12.1366, 28.6883, -53.4287



35.7329, 9.8221, -14.3891



20.3443, -0.6113, -24.1090



16.8134, 5.3711, -7.8854



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.



12.1366, 28.6883, -53.4287



15.8757, 37.7848, -71.8884



18.2007, 36.4398, -29.0958



16.7774, 0.3438, -0.7240



13.6736, 32.4266, -61.0102



30.4275, 73.2259, -144.0411

Inverse Universe

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



17.7215, 32.1303, -2.3596



23.4213, 42.3792, -2.4579



30.9154, -26.0540, 18.5938



16.9425, 0.7939, 0.3433



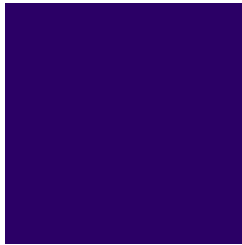
20.0641, 36.3426, -2.4019



45.6273, 82.2955, -2.7440

Previews

White Background



This preview shows how the HunterLab color 12.1363, 28.6880, -53.4300 looks on a white background.

Color Contrast Check

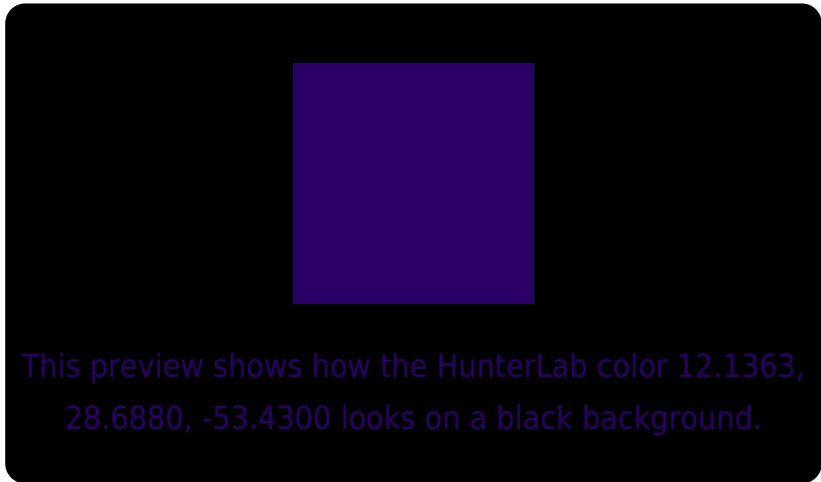
Large Text (above 18pt) WCAG AA ✓ Pass

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

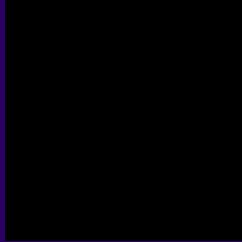
Any Text WCAG AA × Fail

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 12.1363, 28.6880, -53.4300 Background



This preview shows how black text looks on a background with the HunterLab color 12.1363, 28.6880, -53.4300.



This preview shows how white text looks on a background with the HunterLab color 12.1363, 28.6880, -53.4300.

-53.4300.

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

12.1363, 28.6880, -53.4300

Protanopia

13.0249, 2.3825, -21.4232

Deuteranopia

13.2103, -1.6292, -12.9947



Tritanopia

13.5294, -4.3692, -1.7555

Trichromacy



Original Color

12.1363, 28.6880, -53.4300

Protanomaly

11.5068, 12.4522, -35.9089

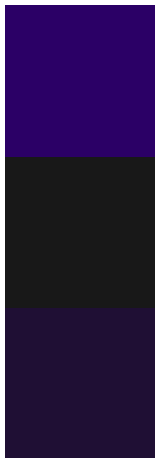
Deuteranomaly

11.3985, 9.4916, -29.3314

Tritanomaly

11.4556, 7.2512, -17.9186

Monochromacy



Original Color

12.1363, 28.6880, -53.4300

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.3856, 9.3593, -14.5760

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1363, 28.6880, -53.4300 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(43, 0, 102)` looks like.

```
.text, #text, p{  
    color:rgb(43, 0, 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(43, 0, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 0, 102) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1363, 28.6880, -53.4300 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(43, 0, 102) }
```


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

```
.border{ border-color:rgb(43, 0, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 0, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 0, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 0, 102);  
box-shadow:4px 4px 4px 4px rgb(43, 0, 102)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.1363, 28.6880, -53.4300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 0, 102) }
```

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

```
.background{ background-color: rgb(43, 0,  
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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