

Converting Colors

HunterLab(9.8473, 43.2359,
-72.1573)

Have a look what the booklet for
HunterLab(9.8473, 43.2359,
-72.1573) contains.

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Color

**HunterLab(12.5711, 29.4787,
-53.5068)**

Conversions

Conversions Part 1

Format	Color
Hex	2E0068
RGB	46, 0, 104
RGB Percent	18%, 0%, 41%
CMY	0.8196, 1.0000, 0.5922
CMYK	0.56, 1.00, 0.00, 0.59
HSL	267°, 100%, 20%
HSV	267°, 100%, 41%
XYZ	3.6254, 1.5803, 13.2107
YIQ	25.6100, -5.9680, 42.0960

Conversions

Conversions Part 2

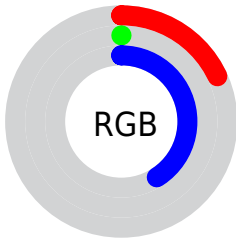
Format	Color
R_{YB}	46, 0, 104
Decimal	3014760
CIE _{Lab}	13.11, 42.84, -48.82
CIE _{LCh}	13, 64.950, 311.264
Yxy	1.5804, 0.1969, 0.0858
Android (android.graphics.Color)	4281204840 (0xFF2E0068)
YUV	25.6100, 38.6463, 17.8820
Hunter-Lab	12.5711, 29.4787, -53.5068

Details

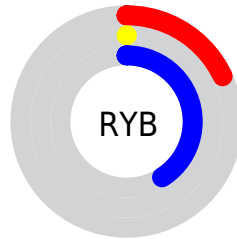
The HunterLab color **12.5711, 29.4787, -53.5068** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **32.8636, -21.1464, 19.8802**, and the grayscale version is **9.9327, -0.5300, 0.5397**.

A 20% lighter version of the original color is **27.5057, 32.8827, -50.2731**, and **5.2520, 14.2461, -37.3177** is the 20% darker color. If you saturate the color by 10%, you get **12.5714, 29.4791, -53.5056**, and if you desaturate by 10%, it is **13.9647, 26.9163, -46.5290**.

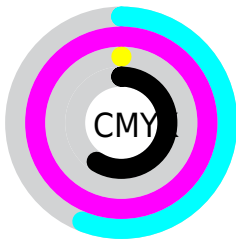
Distribution



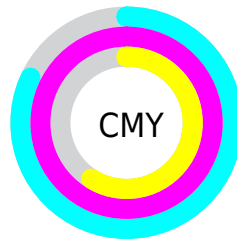
- Red (18%)
- Green (0%)
- Blue (41%)



- Red (18%)
- Yellow (0%)
- Blue (41%)



- Cyan (56%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (82%)
- Magenta (100%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5711, 29.4787, -53.5068 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 12.5711, 29.4787, -53.5068 by changing the saturation by 10% instead.

12.5711, 29.4787,
-53.5068

12.5711, 29.4787,
-53.5068

104.0487, 42.4185,
-54.5335

5.8679, 35.1341,
-71.0810

27.5468, 33.0303,
-50.4069

0.0000, INF, -NF

0.0000, NaN, -NF

36.3754, 34.7116,
-50.5160

0.0000, NaN, -NF

45.9861, 36.2737,
-50.9812

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3199, 37.7158,
-51.6181

0.0000, NaN, NaN


67.3294, 39.0437,
-52.3329


0.0000, NaN, NaN


78.9752, 40.2650,


0.0000, NaN, NaN

-53.0745


 91.2245, 41.3876,
-53.8139


 12.5711, 29.4787,
-53.5068


 12.5711, 29.4787,
-53.5068


 12.5714, 29.4791,
-53.5056

 13.9647, 26.9163,
-46.5290

 15.5440, 24.3028,
-39.9519

 17.4928, 21.1188,
-33.2414

 19.7479, 17.6966,
-26.8427

 22.2517, 14.2321,
-20.9360

■ 24.9579, 10.8186,
-15.5443

■ 27.8306, 7.4907,
-10.6210

■ 30.8427, 4.2533,
-6.0969

■ 33.9733, 1.0987,
-1.9031

Harmonies

Analogous

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



12.5714, 6.4744, -86.0234



12.5711, 29.4787, -53.5068



12.5714, 48.5824, -14.2253

Triad

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



12.5714, 29.4791, -53.5056



12.5714, 11.8340, 8.7999



12.5714, -21.9999, -7.1569

Complementary

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



12.5711, 29.4787, -53.5068



32.8636, -21.1464, 19.8802

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.



12.5714, -21.9999, 8.2257



12.5711, 29.4787, -53.5068



12.5714, -6.5090, 8.7999

Square

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



12.5714, 29.4791, -53.5056



12.5714, 35.1680, 8.7999



12.5714, -17.2605, 8.7999



12.5714, -19.3349, -42.8767

Rectangle

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



12.5711, 29.4787, -53.5068



12.5714, 52.5335, 1.3598



12.5714, -17.2605, 8.7999



12.5714, -21.9999, -0.0309

Sweetspot

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



12.5714, 29.4791, -53.5056



36.5338, 10.2894, -14.5970



20.2992, 0.1712, -25.7419



17.4555, 5.7516, -8.1843



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.



12.5714, 29.4791, -53.5056



16.4541, 38.8347, -71.9761



18.8270, 37.5504, -28.9860



16.7850, 0.3700, -0.7137



13.8910, 32.6579, -59.7767



30.9213, 73.7343, -141.1075

Inverse Universe

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



18.0237, 32.5609, -1.4908



23.8252, 42.9548, -1.2974



31.5364, -26.6778, 18.9655



16.9399, 0.7798, 0.3806



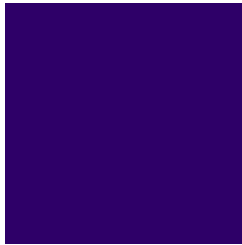
19.9950, 36.0928, -1.4268



45.4681, 81.7185, -0.4875

Previews

White Background



This preview shows how the HunterLab color 12.5711, 29.4787, -53.5068 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

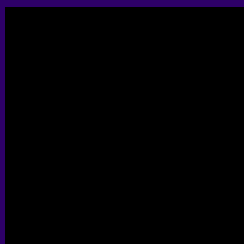
Any Text WCAG AA × Fail

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 12.5711, 29.4787, -53.5068 Background



This preview shows how black text looks on a background with the HunterLab color 12.5711, 29.4787, -53.5068.



This preview shows how white text looks on a background with the HunterLab color 12.5711, 29.4787, -53.5068.

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

12.5711, 29.4787, -53.5068

Protanopia

13.6344, 2.3384, -22.0897

Deuteranopia

13.5808, -1.3056, -14.1564



Tritanopia

13.7609, -3.4555, -1.8479

Trichromacy



Original Color

12.5711, 29.4787, -53.5068

Protanomaly

12.0854, 12.4980, -36.5702

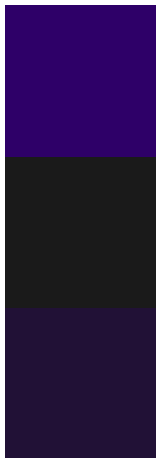
Deuteranomaly

11.8052, 9.9867, -30.6678

Tritanomaly

11.8139, 8.4362, -18.4401

Monochromacy



Original Color

12.5711, 29.4787, -53.5068

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

9.9528, 9.3683, -14.4938

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5711, 29.4787, -53.5068 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(46, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(46, 0, 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(46, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 0, 104) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5711, 29.4787, -53.5068 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(46, 0, 104) }
```


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

```
.border{ border-color:rgb(46, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(46, 0, 104)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5711, 29.4787, -53.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 0, 104) }
```

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

```
.background{ background-color: rgb(46, 0,  
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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