

Converting Colors

HunterLab(16.5210, 25.6850,
-53.1400)

Have a look what the booklet for
HunterLab(16.5210, 25.6850,
-53.1400) contains.

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Color

**HunterLab(16.5210, 25.6850,
-53.1400)**

Conversions

Conversions Part 1

Format	Color
Hex	321978
RGB	50, 25, 120
RGB Percent	20%, 10%, 47%
CMY	0.8039, 0.9020, 0.5294
CMYK	0.58, 0.79, 0.00, 0.53
HSL	256°, 66%, 28%
HSV	256°, 79%, 47%
XYZ	5.0532, 2.7294, 18.0298
YIQ	43.3050, -15.5950, 34.8450

Conversions

Conversions Part 2

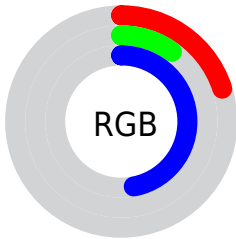
Format	Color
R_{YB}	50, 25, 120
Decimal	3283320
CIE _{Lab}	18.93, 37.47, -49.61
CIE _{LCh}	19, 62.168, 307.062
Yxy	2.7295, 0.1958, 0.1057
Android (android.graphics.Color)	4281473400 (0xFF321978)
YUV	43.3050, 37.8106, 5.8715
Hunter-Lab	16.5210, 25.6850, -53.1400

Details

The HunterLab color **16.5210, 25.6850, -53.1400** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **39.9198, -17.9419, 22.9184**, and the grayscale version is **15.5266, -0.8285, 0.8436**.

A 20% lighter version of the original color is **32.6422, 28.6527, -51.1946**, and **6.6498, 18.0375, -47.2495** is the 20% darker color. If you saturate the color by 10%, you get **14.5556, 29.1610, -62.9013**, and if you desaturate by 10%, it is **18.9848, 21.7437, -43.4150**.

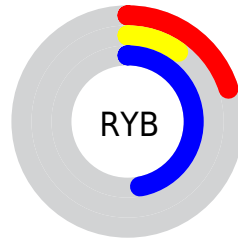
Distribution



Red (20%)

Green (10%)

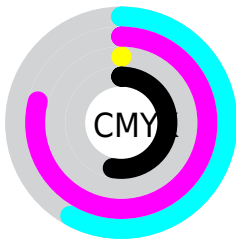
Blue (47%)



Red (20%)

Yellow (10%)

Blue (47%)

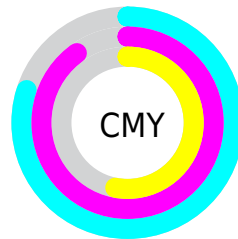


Cyan (58%)

Magenta (79%)

Yellow (0%)

Black (53%)



Cyan (80%)

Magenta (90%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.5210, 25.6850, -53.1400 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 16.5210, 25.6850, -53.1400 by changing the saturation by 10% instead.

■ 16.5210, 25.6850,
-53.1400

■ 16.5210, 25.6850,
-53.1400

■ 111.7619, 36.4283,
-56.1331

■ 9.9609, 24.0296,
-57.3224

■ 32.5824, 28.8765,
-51.6230

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.8739, 30.2876,
-51.9403

0.0000, NaN, -NF

■ 51.9116, 31.5732,
-52.5068

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.6435, 32.7420,
-53.1930

0.0000, NaN, NaN

■ 74.0274, 33.8035,
-53.9302

0.0000, NaN, NaN

■ 86.0279, 34.7665,

0.0000, NaN, NaN

-54.6796

98.6148, 35.6392,
-55.4184

16.5210, 25.6850,
-53.1400

16.5210, 25.6850,
-53.1400

14.5556, 29.1610,
-62.9013

18.9848, 21.7437,
-43.4150

13.0000, 32.2650,
-72.4669

21.8411, 17.7653,
-34.4674

12.8706, 32.5772,
-73.3556

25.0034, 13.9381,
-26.4850

28.4073, 10.3124,
-19.4022

32.0060, 6.8790,
-13.0747

■ 35.7660, 3.6093,
-7.3546

■ 39.6624, 0.4718,
-2.1147

■ 43.6768, -2.5617,
2.7472

■ 47.7949, -5.5148,
7.3114

Harmonies

Analogous

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



16.5212, 3.6070, -76.9402



16.5210, 25.6850, -53.1400



16.5212, 44.7997, -17.8496

Triad

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



16.5212, 25.6858, -53.1394



16.5212, 14.9461, 11.5648



16.5212, -23.6680, -3.6990

Complementary

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



16.5210, 25.6850, -53.1400



39.9198, -17.9419, 22.9184

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.



16.5212, -22.4958, 9.4567



16.5210, 25.6850, -53.1400



16.5212, -4.9384, 11.5648

Square

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



16.5212, 25.6858, -53.1394



16.5212, 36.9617, 11.5648



16.5212, -17.0338, 11.5648



16.5212, -20.4800, -33.9642

Rectangle

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



16.5210, 25.6850, -53.1400



16.5212, 50.0647, -0.8851



16.5212, -17.0338, 11.5648



16.5212, -23.7708, 2.5045

Sweetspot

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



16.5212, 25.6858, -53.1394



44.7056, 7.1129, -13.7769



31.5819, -10.0708, -14.0748



21.0596, 4.0844, -7.8041



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



16.5212, 25.6858, -53.1394



17.7495, 41.3890, -92.7350



21.3347, 34.5173, -35.6312



19.8491, 0.2235, -1.0371



13.4196, 34.0052, -76.7831



28.6890, 73.7278, -172.1336

Inverse Universe

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



23.4829, 36.1244, -12.2301



29.1002, 52.7297, -15.2196



37.6164, -27.1712, 21.2538



20.1503, 1.1591, 0.0251



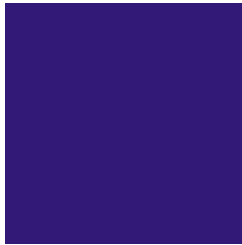
22.6496, 42.2045, -11.8476



49.3204, 91.6510, -23.8531

Previews

White Background



This preview shows how the HunterLab color 16.5210, 25.6850, -53.1400 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 16.5210, 25.6850, -53.1400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

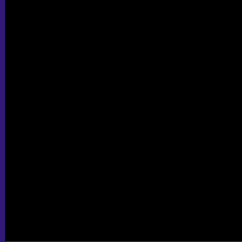
Any Text WCAG AA × Fail

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 16.5210, 25.6850, -53.1400 Background



This preview shows how black text looks on a background with the HunterLab color 16.5210, 25.6850, -53.1400.



This preview shows how white text looks on a background with the HunterLab color 16.5210, 25.6850, -53.1400.

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

16.5210, 25.6850, -53.1400

Protanopia

16.4408, 3.8429, -28.8452

Deuteranopia

16.5018, -0.9710, -18.5298



Tritanopia

16.8097, -5.7711, -2.4916

Trichromacy



Original Color

16.5210, 25.6850, -53.1400

Protanomaly

15.8565, 10.9899, -39.0074

Deuteranomaly

15.7820, 7.6650, -31.7152

Tritanomaly

15.9492, 4.1695, -17.5975

Monochromacy



Original Color

16.5210, 25.6850, -53.1400

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.1576, 7.5656, -13.8453

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.5210, 25.6850, -53.1400 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(50, 25, 120)` looks like.

```
.text, #text, p{  
    color:rgb(50, 25, 120)  
}
```

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(50, 25, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 25, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 16.5210, 25.6850, -53.1400 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(50, 25, 120) }
```


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

```
.border{ border-color:rgb(50, 25, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 25, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 25, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 25, 120);  
box-shadow:4px 4px 4px 4px rgb(50, 25,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.5210, 25.6850, -53.1400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 25, 120) }
```

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

```
.background{ background-color: rgb(50, 25,  
120) }
```

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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