

Converting Colors

HunterLab(18.1353, 13.3977,
-41.6177)

Have a look what the booklet for
HunterLab(18.1353, 13.3977,
-41.6177) contains.

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Color

**HunterLab(18.1353, 13.3977,
-41.6177)**

Conversions

Conversions Part 1

Format	Color
Hex	212B73
RGB	33, 43, 115
RGB Percent	13%, 17%, 45%
CMY	0.8706, 0.8314, 0.5490
CMYK	0.71, 0.63, 0.00, 0.55
HSL	233°, 55%, 29%
HSV	233°, 71%, 45%
XYZ	4.5856, 3.2889, 16.6128
YIQ	48.2180, -29.0720, 20.2720

Conversions

Conversions Part 2

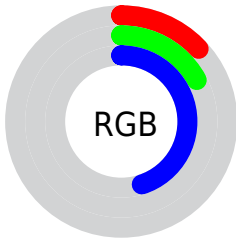
Format	Color
R_{YB}	33, 42, 115
Decimal	2173811
CIE Lab	21.17, 21.83, -42.79
CIE LCh	21, 48.036, 297.024
Yxy	3.2890, 0.1873, 0.1343
Android (android.graphics.Color)	4280363891 (0xFF212B73)
YUV	48.2180, 32.9235, -13.3462
Hunter-Lab	18.1353, 13.3977, -41.6177

Details

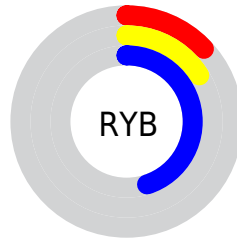
The HunterLab color **18.1353, 13.3977, -41.6177** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.2276, -5.7069, 20.5474**, and the grayscale version is **17.1660, -0.9159, 0.9327**.

A 20% lighter version of the original color is **34.5405, 15.4049, -42.0371**, and **6.2717, 17.0121, -44.5634** is the 20% darker color. If you saturate the color by 10%, you get **15.7641, 17.2042, -50.9886**, and if you desaturate by 10%, it is **20.8319, 10.0941, -33.1499**.

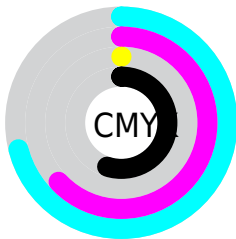
Distribution



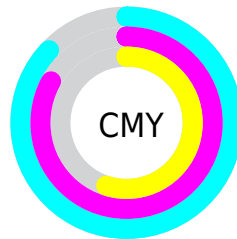
- Red (13%)
- Green (17%)
- Blue (45%)



- Red (13%)
- Yellow (16%)
- Blue (45%)



- Cyan (71%)
- Magenta (63%)
- Yellow (0%)
- Black (55%)



- Cyan (87%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.1353, 13.3977, -41.6177 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 18.1353, 13.3977, -41.6177 by changing the saturation by 10% instead.

■ 18.1353, 13.3977,
-41.6177

■ 18.1353, 13.3977,
-41.6177

■ 114.7808, 18.0702,
-46.1563

■ 11.3331, 12.2750,
-43.3353

■ 34.5954, 15.1713,
-41.6628

■ 3.5927, 26.2799,
-82.6830

■ 44.0592, 15.8593,
-42.2189

0.0000, NaN, -NF

■ 54.2564, 16.4381,
-42.8788

0.0000, NaN, -NF

■ 65.1378, 16.9206,
-43.5724

0.0000, NaN, NaN

■ 76.6627, 17.3174,
-44.2631

0.0000, NaN, NaN

■ 88.7969, 17.6369,

0.0000, NaN, NaN

-44.9306

0.0000, NaN, NaN

101.5114, 17.8859,
-45.5637

18.1353, 13.3977,
-41.6177

18.1353, 13.3977,
-41.6177

15.7641, 17.2042,
-50.9886

20.8319, 10.0941,
-33.1499

13.8108, 21.3552,
-60.7474

23.7813, 7.2768,
-25.6566

12.4594, 24.7830,
-69.0726

26.9312, 4.8734,
-19.0280

30.2441, 2.8038,
-13.1115

33.6928, 0.9981,
-7.7634

■ 37.2572, -0.5997,
-2.8644

■ 40.9223, -2.0332,
1.6807

■ 44.6764, -3.3357,
5.9458

■ 48.5104, -4.5331,
9.9885

Harmonies

Analogous

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



18.1355, -2.3835, -49.9034



18.1353, 13.3977, -41.6177



18.1355, 28.5810, -19.9864

Triad

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



18.1355, 13.3984, -41.6171



18.1355, 16.6889, 12.6949



18.1355, -21.1587, 2.3017

Complementary

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



18.1353, 13.3977, -41.6177



37.2276, -5.7069, 20.5474

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.



18.1355, -18.8369, 10.3298



18.1353, 13.3977, -41.6177



18.1355, 0.4910, 12.6949

Square

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



18.1355, 13.3984, -41.6171



18.1355, 30.8602, 9.3382



18.1355, -11.9090, 12.6949



18.1355, -19.6253, -15.5132

Rectangle

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



18.1353, 13.3977, -41.6177



18.1355, 34.6514, -5.9761



18.1355, -11.9090, 12.6949



18.1355, -20.8267, 5.9600

Sweetspot

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



18.1355, 13.3984, -41.6171



44.9684, 1.3928, -10.5610



36.8589, -19.6577, 1.2723



21.4726, 0.9223, -5.8847



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



18.1355, 13.3984, -41.6171



19.2082, 26.8675, -77.3456



18.3980, 23.0367, -40.5302



19.1187, -0.4693, -0.9118



13.2457, 26.7813, -74.3691



28.0142, 63.8553, -172.8607

Inverse Universe

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



22.1523, 26.1015, 7.9901



26.8291, 41.2797, 13.4167



37.8149, -18.2841, 20.7247



19.2548, 0.6089, 1.3174



20.4966, 35.2682, 11.9486



45.1682, 77.5647, 27.5371

Previews

White Background



This preview shows how the HunterLab color 18.1353, 13.3977, -41.6177 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 18.1353, 13.3977, -41.6177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

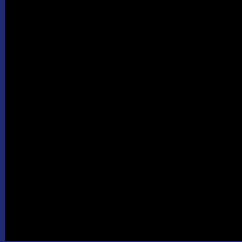
Any Text WCAG AA × Fail

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 18.1353, 13.3977, -41.6177 Background



This preview shows how black text looks on a background with the HunterLab color 18.1353, 13.3977, -41.6177.



This preview shows how white text looks on a background with the HunterLab color 18.1353, 13.3977, -41.6177.

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

18.1353, 13.3977, -41.6177

Protanopia

17.8776, 4.6285, -32.3372

Deuteranopia

17.8248, -0.8391, -20.4682



Tritanopia

18.0643, -8.8316, -3.5139

Trichromacy



Original Color

18.1353, 13.3977, -41.6177

Protanomaly

17.8715, 7.4274, -35.9252

Deuteranomaly

17.7669, 3.6148, -27.5500

Tritanomaly

17.6868, -2.0394, -15.2328

Monochromacy



Original Color

18.1353, 13.3977, -41.6177

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1332, 2.7614, -10.6104

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.1353, 13.3977, -41.6177 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(33, 43, 115)` looks like.

```
.text, #text, p{  
    color:rgb(33, 43, 115)  
}
```

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(33, 43, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 43, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 18.1353, 13.3977, -41.6177 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(33, 43, 115) }
```


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

```
.border{ border-color:rgb(33, 43, 115) }
```

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

Here you see how a box with a 4 pixel rgb(33, 43, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 43, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 43, 115);  
box-shadow:4px 4px 4px 4px rgb(33, 43,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.1353, 13.3977, -41.6177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 43, 115) }
```

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

```
.background{ background-color: rgb(33, 43,  
115) }
```

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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