

Converting Colors

HunterLab(17.8756, 14.6002,
-41.5511)

Have a look what the booklet for
HunterLab(17.8756, 14.6002,
-41.5511) contains.

HunterLab(17.8720, 14.5988, -41.5446)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(17.8720, 14.5988,
-41.5446)**

Conversions

Conversions Part 1

Format	Color
Hex	252972
RGB	37, 41, 114
RGB Percent	15%, 16%, 45%
CMY	0.8549, 0.8392, 0.5529
CMYK	0.68, 0.64, 0.00, 0.55
HSL	237°, 51%, 30%
HSV	237°, 68%, 45%
XYZ	4.5931, 3.1941, 16.2940
YIQ	48.1260, -25.8170, 21.8550

Conversions

Conversions Part 2

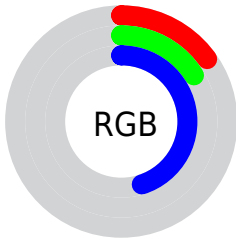
Format	Color
R _Y B	37, 41, 114
Decimal	2435442
CIE Lab	20.81, 23.48, -42.73
CIE LCh	21, 48.752, 298.791
Yxy	3.1942, 0.1907, 0.1326
Android (android.graphics.Color)	4280625522 (0xFF252972)
YUV	48.1260, 32.4759, -9.7575
Hunter-Lab	17.8720, 14.5988, -41.5446

Details

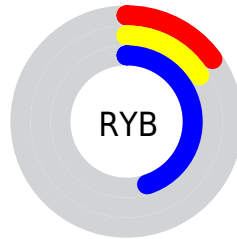
The HunterLab color **17.8720, 14.5988, -41.5446** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **38.5536, -7.9752, 20.9248**, and the grayscale version is **17.1360, -0.9143, 0.9310**.

A 20% lighter version of the original color is **34.2358, 16.8166, -41.9233**, and **6.1778, 16.7573, -43.8960** is the 20% darker color. If you saturate the color by 10%, you get **15.3870, 18.5747, -51.5356**, and if you desaturate by 10%, it is **20.7173, 11.0879, -32.5998**.

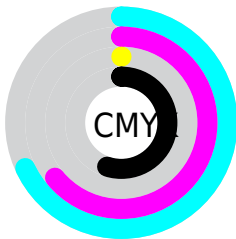
Distribution



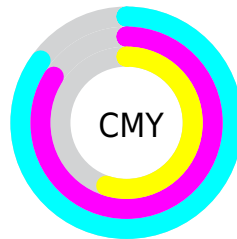
- Red (15%)
- Green (16%)
- Blue (45%)



- Red (15%)
- Yellow (16%)
- Blue (45%)



- Cyan (68%)
- Magenta (64%)
- Yellow (0%)
- Black (55%)



- Cyan (85%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8720, 14.5988, -41.5446 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 17.8720, 14.5988, -41.5446 by changing the saturation by 10% instead.

■ 17.8720, 14.5988,
-41.5446

■ 17.8720, 14.5988,
-41.5446

■ 114.2929, 19.9741,
-46.0397

■ 11.1082, 13.3893,
-43.3355

■ 34.2686, 16.5506,
-41.5535

■ 2.9859, 34.1063,
-97.5278

■ 43.7048, 17.3232,
-42.1048

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 53.8766, 17.9829,
-42.7627

0.0000, NaN, NaN

■ 64.7340, 18.5430,
-43.4555

0.0000, NaN, NaN

■ 76.2363, 19.0142,
-44.1460

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.3491, 19.4052,

-44.8136

0.0000, NaN, NaN

101.0432, 19.7232,
-45.4469

17.8720, 14.5988,
-41.5446

17.8720, 14.5988,
-41.5446

15.3870, 18.5747,
-51.5356

20.7173, 11.0879,
-32.5998

13.3743, 22.7866,
-61.9336

23.8373, 8.0463,
-24.7672

11.9128, 26.5833,
-71.4262

27.1724, 5.4049,
-17.8985

11.5902, 27.4827,
-73.8141

30.6805, 3.0827,
-11.8056

34.3319, 1.0092,
-6.3199

■ 38.1050, -0.8715,
-1.3055

■ 41.9839, -2.6026,
3.3428

■ 45.9561, -4.2165,
7.7055

■ 50.0122, -5.7383,
11.8439

Harmonies

Analogous

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



17.8722, -1.5405, -51.2618



17.8720, 14.5988, -41.5446



17.8722, 29.7886, -19.0190

Triad

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



17.8722, 14.5995, -41.5440



17.8722, 15.9589, 12.5106



17.8722, -21.1952, 1.5248

Complementary

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



17.8720, 14.5988, -41.5446



38.5536, -7.9752, 20.9248

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.



17.8722, -19.1298, 10.0497



17.8720, 14.5988, -41.5446



17.8722, -0.3610, 12.5106

Square

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



17.8722, 14.5995, -41.5440



17.8722, 30.7339, 9.6366



17.8722, -12.5235, 12.5106



17.8722, -19.4475, -17.1575

Rectangle

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



17.8720, 14.5988, -41.5446



17.8722, 35.5626, -5.0066



17.8722, -12.5235, 12.5106



17.8722, -20.9402, 5.4084

Sweetspot

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



17.8722, 14.5995, -41.5440



44.0534, 2.1259, -10.4685



36.7822, -18.1034, -0.9127



20.6852, 1.3022, -5.7753



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



17.8722, 14.5995, -41.5440



18.8297, 27.7200, -75.9997



19.6320, 22.4841, -35.5876



18.2365, -0.2963, -0.9735



12.1961, 29.1297, -78.1266



26.4966, 68.0499, -180.0187

Inverse Universe

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



22.4965, 24.1189, 8.7556



26.9058, 38.5343, 13.8657



37.2847, -18.7452, 19.8627



18.4501, 0.5182, 1.3944



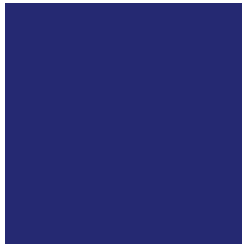
19.9900, 34.3016, 12.3885



44.5718, 76.3949, 28.3032

Previews

White Background



This preview shows how the HunterLab color 17.8720, 14.5988, -41.5446 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 17.8720, 14.5988, -41.5446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

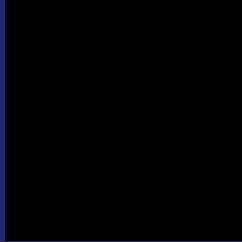
Any Text WCAG AA × Fail

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 17.8720, 14.5988, -41.5446 Background



This preview shows how black text looks on a background with the HunterLab color 17.8720, 14.5988, -41.5446.



This preview shows how white text looks on a background with the HunterLab color 17.8720, 14.5988, -41.5446.

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

17.8720, 14.5988, -41.5446

Protanopia

17.8210, 4.3357, -31.6343

Deuteranopia

17.7780, -1.0959, -19.8552



Tritanopia

17.7612, -8.6727, -3.4781

Trichromacy



Original Color

17.8720, 14.5988, -41.5446

Protanomaly

17.6099, 7.6684, -35.8472

Deuteranomaly

17.5001, 3.8567, -27.4645

Tritanomaly

17.4138, -1.7956, -15.1413

Monochromacy



Original Color

17.8720, 14.5988, -41.5446

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.9709, 3.3988, -10.9021

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8720, 14.5988, -41.5446 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(37, 41, 114)` looks like.

```
.text, #text, p{  
    color:rgb(37, 41, 114)  
}
```

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(37, 41, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 41, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8720, 14.5988, -41.5446 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(37, 41, 114) }
```


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

```
.border{ border-color:rgb(37, 41, 114) }
```

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

Here you see how a box with a 4 pixel rgb(37, 41, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 41, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 41, 114);  
box-shadow:4px 4px 4px 4px rgb(37, 41,  
114) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.8720, 14.5988, -41.5446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 41, 114) }
```

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

```
.background{ background-color: rgb(37, 41,  
114) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor