

Converting Colors

HunterLab(19.4944, -0.6960,
-13.5529)

Have a look what the booklet for
HunterLab(19.4944, -0.6960,
-13.5529) contains.

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Color

**HunterLab(19.4725, -0.6950,
-13.5517)**

Conversions

Conversions Part 1

Format	Color
Hex	213854
RGB	33, 56, 84
RGB Percent	13%, 22%, 33%
CMY	0.8706, 0.7804, 0.6706
CMYK	0.61, 0.33, 0.00, 0.67
HSL	213°, 44%, 23%
HSV	213°, 61%, 33%
XYZ	3.6416, 3.7918, 8.9275
YIQ	52.3150, -22.6960, 3.8320

Conversions

Conversions Part 2

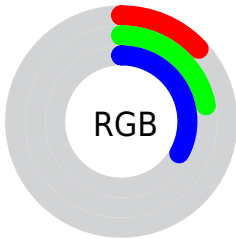
Format	Color
R_{YB}	33, 49, 84
Decimal	2177108
CIE Lab	22.97, 0.58, -19.70
CIE LCh	23, 19.704, 271.695
Yxy	3.7919, 0.2226, 0.2318
Android (android.graphics.Color)	4280367188 (0xFF213854)
YUV	52.3150, 15.6207, -16.9393
Hunter-Lab	19.4725, -0.6950, -13.5517

Details

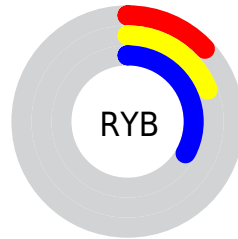
The HunterLab color **19.4725, -0.6950, -13.5517** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.0919, 2.8739, 10.5846**, and the grayscale version is **18.5921, -0.9920, 1.0101**.

A 20% lighter version of the original color is **36.3532, -1.5881, -14.4118**, and **6.3987, 2.6859, -13.7959** is the 20% darker color. If you saturate the color by 10%, you get **18.0099, 0.1226, -16.5130**, and if you desaturate by 10%, it is **21.0146, -1.2788, -10.7378**.

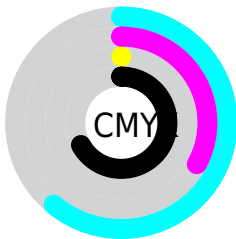
Distribution



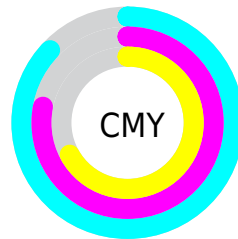
- Red (13%)
- Green (22%)
- Blue (33%)



- Red (13%)
- Yellow (19%)
- Blue (33%)



- Cyan (61%)
- Magenta (33%)
- Yellow (0%)
- Black (67%)



- Cyan (87%)
- Magenta (78%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4725, -0.6950, -13.5517 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 19.4725, -0.6950, -13.5517 by changing the saturation by 10% instead.

■ 19.4725, -0.6950,
-13.5517

■ 19.4725, -0.6950,
-13.5517

■ 117.2337, -5.6352,
-15.5623

■ 12.4814, -0.3687,
-13.1038

■ 36.2471, -1.5119,
-14.4294

■ 5.7353, 0.1366,
-16.2339

■ 45.8474, -1.9903,
-14.7806

0.0000, NaN, -NF

■ 56.1716, -2.5097,
-15.0645

0.0000, NaN, NaN

■ 67.1719, -3.0673,
-15.2827

0.0000, NaN, NaN

■ 78.8091, -3.6604,
-15.4381

0.0000, NaN, NaN

■ 91.0502, -4.2872,

0.0000, NaN, NaN

-15.5343

0.0000, NaN, NaN

103.8666, -4.9460,
-15.5746

19.4725, -0.6950,
-13.5517

19.4725, -0.6950,
-13.5517

18.0099, 0.1226,
-16.5130

21.0146, -1.2788,
-10.7378

16.6352, 1.2017,
-19.6228

22.6267, -1.6575,
-8.0651

15.3562, 2.5557,
-22.8772

24.3015, -1.8576,
-5.5218

14.2083, 3.8997,
-26.1774

26.0328, -1.9028,
-3.0949

27.8150, -1.8135,
-0.7711

■ 29.6435, -1.6074,
1.4620

■ 31.5143, -1.2995,
3.6160

■ 33.4238, -0.9023,
5.7011

■ 35.3692, -0.4264,
7.7266

Harmonies

Analogous

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



19.4728, -6.2516, -11.4073



19.4725, -0.6950, -13.5517



19.4728, 5.4523, -10.8929

Triad

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



19.4728, -0.6949, -13.5513



19.4728, 9.8718, 6.0212



19.4728, -10.2551, 5.6085

Complementary

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



19.4725, -0.6950, -13.5517



23.0919, 2.8739, 10.5846

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.



19.4728, -6.7795, 8.3172



19.4725, -0.6950, -13.5517



19.4728, 4.7847, 8.4993

Square

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



19.4728, -0.6949, -13.5513



19.4728, 11.9963, 1.3843



19.4728, -1.3828, 9.1907



19.4728, -11.3515, 0.7299

Rectangle

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



19.4725, -0.6950, -13.5517



19.4728, 8.9484, -7.1165



19.4728, -1.3828, 9.1907



19.4728, -9.3491, 6.7444

Sweetspot

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



19.4728, -0.6949, -13.5513



34.8940, -2.5041, -3.4385



26.4433, -15.0989, 6.3820



17.4369, -1.2727, -2.0431



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



19.4728, -0.6949, -13.5513



22.9131, 0.8037, -23.7809



14.4226, 9.7520, -25.4229



14.0327, -0.8866, -0.1551



17.4803, 5.6519, -34.0497



39.8251, 18.1026, -88.8562

Inverse Universe

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



18.0506, 17.0051, -0.8692



21.4270, 27.6144, -0.4489



28.7365, -7.1134, 14.6137



13.8444, 0.5060, 0.4822



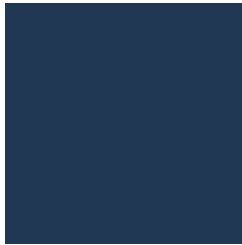
17.8396, 31.7080, 2.5575



42.6343, 75.3878, 9.1372

Previews

White Background



This preview shows how the HunterLab color 19.4725, -0.6950, -13.5517 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

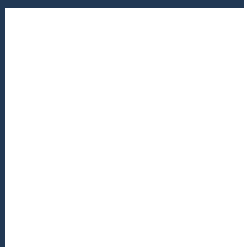
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 19.4725, -0.6950, -13.5517 Background



This preview shows how black text looks on a background with the HunterLab color 19.4725, -0.6950, -13.5517.



This preview shows how white text looks on a background with the HunterLab color 19.4725, -0.6950, -13.5517.

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

19.4725, -0.6950, -13.5517

Protanopia

19.5075, 1.7710, -12.2106

Deuteranopia

19.5540, 0.8479, -13.3680



Tritanopia

19.5130, -7.1922, -3.2977

Trichromacy



Original Color

19.4725, -0.6950, -13.5517

Protanomaly

19.5661, 0.8093, -12.7276

Deuteranomaly

19.4056, 0.3442, -13.6626

Tritanomaly

19.5674, -5.1823, -6.6103

Monochromacy



Original Color

19.4725, -0.6950, -13.5517

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

18.6394, -1.2012, -3.9645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4725, -0.6950, -13.5517 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, 56, 84)` looks like.

```
.text, #text, p{  
    color:rgb(33, 56, 84)  
}
```

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, 56, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 56, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4725, -0.6950, -13.5517 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, 56, 84) }
```


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

```
.border{ border-color:rgb(33, 56, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 56, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 56, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 56, 84);  
box-shadow:4px 4px 4px 4px rgb(33, 56, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4725, -0.6950, -13.5517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 56, 84) }
```

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

```
.background{ background-color: rgb(33, 56,  
84) }
```

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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