

Converting Colors

HunterLab(17.6450, -7.0170,
-29.8677)

Have a look what the booklet for
HunterLab(17.6450, -7.0170,
-29.8677) contains.

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Color

**HunterLab(19.6121, -0.0688,
-24.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	003964
RGB	0, 57, 100
RGB Percent	0%, 22%, 39%
CMY	1.0000, 0.7765, 0.6078
CMYK	1.00, 0.43, 0.00, 0.61
HSL	206°, 100%, 20%
HSV	206°, 100%, 39%
XYZ	3.7634, 3.8463, 12.6006
YIQ	44.8590, -47.7750, 1.2890

Conversions

Conversions Part 2

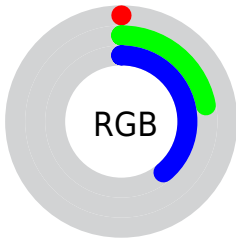
Format	Color
R_{YB}	0, 36, 100
Decimal	14692
CIE _{Lab}	23.16, 1.64, -29.95
CIE _{LCh}	23, 29.996, 273.133
Yxy	3.8465, 0.1862, 0.1903
Android (android.graphics.Color)	4278204772 (0xFF003964)
YUV	44.8590, 27.1845, -39.3413
Hunter-Lab	19.6121, -0.0688, -24.3649

Details

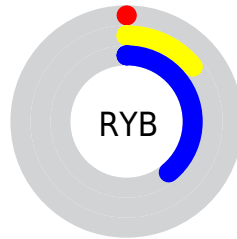
The HunterLab color **19.6121, -0.0688, -24.3649** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.0661, 14.9897, 13.2425**, and the grayscale version is **16.0784, -0.8579, 0.8736**.

A 20% lighter version of the original color is **36.5079, -1.0560, -25.0711**, and **7.5572, 5.6622, -21.6689** is the 20% darker color. If you saturate the color by 10%, you get **19.6112, -0.0671, -24.3674**, and if you desaturate by 10%, it is **20.8672, -1.3567, -21.4221**.

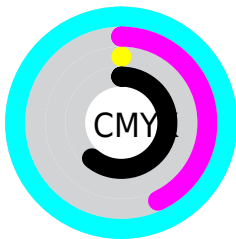
Distribution



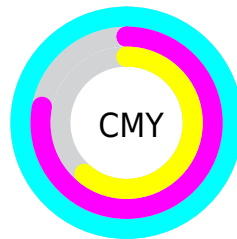
- Red (0%)
- Green (22%)
- Blue (39%)



- Red (0%)
- Yellow (14%)
- Blue (39%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (61%)



- Cyan (100%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.6121, -0.0688, -24.3649 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 19.6121, -0.0688, -24.3649 by changing the saturation by 10% instead.

■ 19.6121, -0.0688,
-24.3649

■ 19.6121, -0.0688,
-24.3649

■ 117.4873, -4.5088,
-28.5094

■ 12.6018, 0.1747,
-24.2386

■ 36.4187, -0.7456,
-25.4069

■ 5.9120, 0.8927,
-29.9602

■ 46.0330, -1.1629,
-25.9846

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.3701, -1.6254,
-26.5327

0.0000, NaN, NaN

■ 67.3826, -2.1295,
-27.0351

0.0000, NaN, NaN

■ 79.0314, -2.6721,
-27.4852

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.2834, -3.2508,

-27.8808

0.0000, NaN, NaN

104.1103, -3.8636,
-28.2218

19.6121, -0.0688,
-24.3649

19.6121, -0.0688,
-24.3649

19.6112, -0.0671,
-24.3674

20.8672, -1.3567,
-21.4221

22.1786, -2.4831,
-18.6081

23.5887, -3.2933,
-15.8266

25.0918, -3.8026,
-13.0940

26.6813, -4.0339,
-10.4215

■ 28.3504, -4.0127,
-7.8153

■ 30.0926, -3.7654,
-5.2776

■ 31.9020, -3.3167,
-2.8075

■ 33.7729, -2.6894,
-0.4024

Harmonies

Analogous

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



19.6124, -8.4381, -20.7420



19.6121, -0.0688, -24.3649



19.6124, 9.6217, -18.9745

Triad

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



19.6124, -0.0684, -24.3644



19.6124, 16.1290, 8.2331



19.6124, -14.4968, 7.2653

Complementary

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



19.6121, -0.0688, -24.3649



21.0661, 14.9897, 13.2425

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.



19.6124, -9.8329, 10.5937



19.6121, -0.0688, -24.3649



19.6124, 7.6308, 10.9456

Square

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



19.6124, -0.0684, -24.3644



19.6124, 19.9959, 1.9678



19.6124, -2.0078, 11.6204



19.6124, -15.8040, 0.1225

Rectangle

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



19.6121, -0.0688, -24.3649



19.6124, 15.2592, -11.9960



19.6124, -2.0078, 11.6204



19.6124, -13.3182, 8.7333

Sweetspot

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



19.6124, -0.0684, -24.3644



39.6359, -5.0259, -7.2822



30.4619, -24.1888, 14.1431



19.3135, -2.5528, -4.1094



73.3645, -3.9145, 3.9860



23.4461, -1.2510, 1.2739

Same Dimension

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



19.6124, -0.0684, -24.3644



25.5482, 0.6325, -33.2984



10.4941, 22.3039, -61.2612



17.3148, -1.3324, -0.0786



22.4924, 0.2680, -28.6920



49.6223, 3.6785, -69.9645

Inverse Universe

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



17.3348, 31.3874, -2.0086



22.9038, 41.3894, -1.9894



32.1033, -5.8387, 19.6792



16.9414, 0.7881, 0.3585



20.0356, 36.2398, -2.0007



45.5616, 82.0576, -1.8145

Previews

White Background



This preview shows how the HunterLab color 19.6121, -0.0688, -24.3649 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 19.6121, -0.0688, -24.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

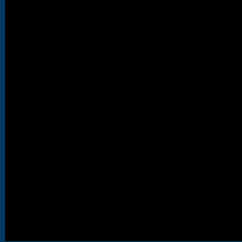
Any Text WCAG AA × Fail

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 19.6121, -0.0688, -24.3649 Background



This preview shows how black text looks on a background with the HunterLab color 19.6121, -0.0688, -24.3649.



This preview shows how white text looks on a background with the HunterLab color 19.6121, -0.0688, -24.3649.

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

19.6121, -0.0688, -24.3649

Protanopia

19.6888, 3.6621, -21.8601

Deuteranopia

19.7927, 0.5474, -23.9104



Tritanopia

19.5923, -9.6331, -3.6937

Trichromacy



Original Color

19.6121, -0.0688, -24.3649

Protanomaly

19.4843, 1.8524, -23.1237

Deuteranomaly

19.7270, 0.3237, -24.0752

Tritanomaly

19.4468, -6.5778, -10.1073

Monochromacy



Original Color

19.6121, -0.0688, -24.3649

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

16.8508, -2.3799, -7.2546

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.6121, -0.0688, -24.3649 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(0, 57, 100)` looks like.

```
.text, #text, p{  
    color:rgb(0, 57, 100)  
}
```

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(0, 57, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 57, 100) }
```

Border

The CSS property to change the border of an element to HunterLab 19.6121, -0.0688, -24.3649 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(0, 57, 100) }
```


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

```
.border{ border-color:rgb(0, 57, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 57, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 57, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 57, 100);  
box-shadow:4px 4px 4px 4px rgb(0, 57, 100)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.6121, -0.0688, -24.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 57, 100) }
```

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

```
.background{ background-color: rgb(0, 57,  
100) }
```

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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