

Converting Colors

HunterLab(23.5793, -2.7045,
-13.0457)

Have a look what the booklet for
HunterLab(23.5793, -2.7045,
-13.0457) contains.

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Color

**HunterLab(23.5624, -2.4887,
-13.3706)**

Conversions

Conversions Part 1

Format	Color
Hex	284560
RGB	40, 69, 96
RGB Percent	16%, 27%, 38%
CMY	0.8431, 0.7294, 0.6235
CMYK	0.58, 0.28, 0.00, 0.62
HSL	209°, 41%, 27%
HSV	209°, 58%, 38%
XYZ	5.1145, 5.5519, 11.8683
YIQ	63.4070, -25.9510, 2.2490

Conversions

Conversions Part 2

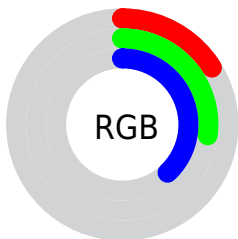
Format	Color
R_{YB}	40, 59, 96
Decimal	2639200
CIE _{Lab}	28.25, -1.98, -19.24
CIE _{LCh}	28, 19.341, 264.133
Yxy	5.5521, 0.2270, 0.2464
Android (android.graphics.Color)	4280829280 (0xFF284560)
YUV	63.4070, 16.0683, -20.5279
Hunter-Lab	23.5624, -2.4887, -13.3706

Details

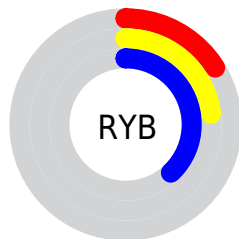
The HunterLab color **23.5624, -2.4887, -13.3706** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **25.7964, 4.7754, 11.3648**, and the grayscale version is **22.3893, -1.1946, 1.2165**.

A 20% lighter version of the original color is **41.2345, -3.5724, -14.3448**, and **9.8442, -0.0899, -12.1103** is the 20% darker color. If you saturate the color by 10%, you get **21.9899, -1.8485, -16.3198**, and if you desaturate by 10%, it is **25.2207, -2.8648, -10.5247**.

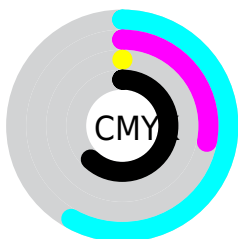
Distribution



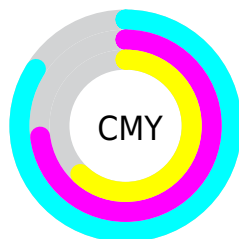
- Red (16%)
- Green (27%)
- Blue (38%)



- Red (16%)
- Yellow (23%)
- Blue (38%)



- Cyan (58%)
- Magenta (28%)
- Yellow (0%)
- Black (62%)



- Cyan (84%)
- Magenta (73%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.5624, -2.4887, -13.3706 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 23.5624, -2.4887, -13.3706 by changing the saturation by 10% instead.

■ 23.5624, -2.4887,
-13.3706

■ 23.5624, -2.4887,
-13.3706

■ 124.5085, -8.8078,
-14.9775

■ 16.0458, -1.9360,
-12.9067

■ 41.2243, -3.6889,
-14.1693

■ 9.5601, -1.4169,
-12.5191

■ 51.2135, -4.3355,
-14.4703

0.0000, NaN, -NF

■ 61.9001, -5.0119,
-14.7041

0.0000, NaN, NaN

■ 73.2413, -5.7171,
-14.8736

0.0000, NaN, NaN

■ 85.2013, -6.4501,
-14.9822

0.0000, NaN, NaN

■ 97.7495, -7.2101,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.0336

0.0000, NaN, NaN

110.8596, -7.9963,
-15.0310

■ 23.5624, -2.4887,
-13.3706

■ 23.5624, -2.4887,
-13.3706

■ 21.9899, -1.8485,
-16.3198

■ 25.2207, -2.8648,
-10.5247

■ 20.5103, -0.9170,
-19.3677

■ 26.9557, -3.0054,
-7.7836

■ 19.1321, 0.3273,
-22.4996

■ 28.7607, -2.9379,
-5.1426

■ 17.8266, 1.7755,
-25.7902

■ 30.6292, -2.6873,
-2.5951

■ 17.6106, 2.0191,
-26.3705

■ 32.5556, -2.2761,
-0.1333

■ 34.5350, -1.7236,
2.2512

■ 36.5629, -1.0467,
4.5664

■ 38.6356, -0.2600,
6.8201

■ 40.7497, 0.6243,
9.0193

Harmonies

Analogous

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



23.5628, -7.9684, -10.1492



23.5624, -2.4887, -13.3706



23.5628, 3.9223, -11.9045

Triad

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



23.5628, -2.4887, -13.3701



23.5628, 10.8975, 5.5389



23.5628, -10.3254, 7.1034

Complementary

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



23.5624, -2.4887, -13.3706



25.7964, 4.7754, 11.3648

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.



23.5628, -6.0271, 9.5855



23.5624, -2.4887, -13.3706



23.5628, 6.2979, 8.8630

Square

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



23.5628, -2.4887, -13.3701



23.5628, 12.0992, 0.0693



23.5628, -0.0026, 10.1320



23.5628, -12.1760, 2.4346

Rectangle

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



23.5624, -2.4887, -13.3706



23.5628, 7.8209, -8.6220



23.5628, -0.0026, 10.1320



23.5628, -9.1423, 8.1661

Sweetspot

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



23.5628, -2.4887, -13.3701



40.7432, -3.5200, -3.1655



30.3511, -17.5603, 8.2853



20.1428, -1.7823, -1.7871



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



23.5628, -2.4887, -13.3701



28.3451, -2.0253, -23.1179



17.1533, 9.6274, -27.5124



16.4524, -1.1677, -0.1361



20.5203, 2.8339, -31.7662



45.5204, 10.1667, -78.8435

Inverse Universe

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



21.0577, 19.5785, -2.5346



25.1612, 31.7326, -3.1188



32.6638, -6.7680, 16.3645



16.1543, 0.6989, 0.4364



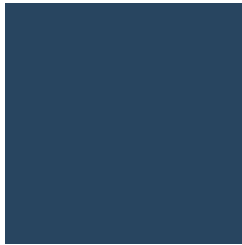
19.4021, 34.8066, 0.2903



44.6445, 79.7219, 3.5244

Previews

White Background



This preview shows how the HunterLab color 23.5624, -2.4887, -13.3706 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 23.5624, -2.4887, -13.3706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

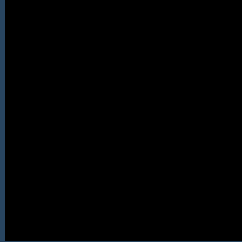
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

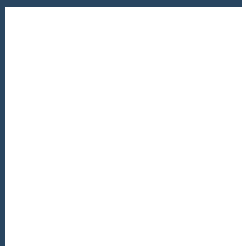
Any Text WCAG AAA × Fail

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

HunterLab 23.5624, -2.4887, -13.3706 Background



This preview shows how black text looks on a background with the HunterLab color 23.5624, -2.4887, -13.3706.



This preview shows how white text looks on a background with the HunterLab color 23.5624, -2.4887, -13.3706.

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

23.5624, -2.4887, -13.3706

Protanopia

23.6353, 1.4513, -11.3888

Deuteranopia

23.5452, 1.4566, -13.9443



Tritanopia

23.4694, -8.2172, -3.8908

Trichromacy



Original Color

23.5624, -2.4887, -13.3706

Protanomaly

23.5080, -0.1909, -12.2262

Deuteranomaly

23.5167, 0.0724, -14.0206

Tritanomaly

23.5317, -6.1318, -7.2613

Monochromacy



Original Color

23.5624, -2.4887, -13.3706

Achromatopsia

22.2950, -1.1896, 1.2113

Achromatomaly

22.5850, -2.0941, -3.5948

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.5624, -2.4887, -13.3706 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(40, 69, 96)` looks like.

```
.text, #text, p{  
    color:rgb(40, 69, 96)  
}
```

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(40, 69, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 69, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 23.5624, -2.4887, -13.3706 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(40, 69, 96) }
```


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

```
.border{ border-color:rgb(40, 69, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 69, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 69, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 69, 96);  
box-shadow:4px 4px 4px 4px rgb(40, 69, 96)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.5624, -2.4887, -13.3706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 69, 96) }
```

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

```
.background{ background-color: rgb(40, 69,  
96) }
```

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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