

Converting Colors

HunterLab(20.2493, -3.9687,
-13.8735)

Have a look what the booklet for
HunterLab(20.2493, -3.9687,
-13.8735) contains.

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Color

**HunterLab(20.3154, -4.0435,
-13.8679)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3D57
RGB	15, 61, 87
RGB Percent	6%, 24%, 34%
CMY	0.9412, 0.7608, 0.6588
CMYK	0.83, 0.30, 0.00, 0.66
HSL	202°, 71%, 20%
HSV	202°, 83%, 34%
XYZ	3.5860, 4.1272, 9.6244
YIQ	50.2100, -35.7620, -1.6660

Conversions

Conversions Part 2

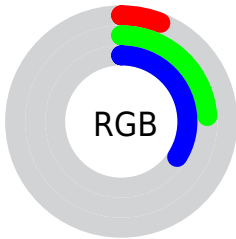
Format	Color
R_{YB}	15, 43, 87
Decimal	998743
CIE _{Lab}	24.09, -5.09, -19.97
CIE _{LCh}	24, 20.613, 255.698
Yxy	4.1273, 0.2068, 0.2380
Android (android.graphics.Color)	4279188823 (0xFF0F3D57)
YUV	50.2100, 18.1375, -30.8792
Hunter-Lab	20.3154, -4.0435, -13.8679

Details

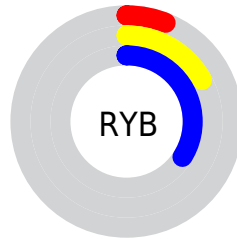
The HunterLab color **20.3154, -4.0435, -13.8679** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.0970, 11.5382, 10.5658**, and the grayscale version is **17.8802, -0.9540, 0.9715**.

A 20% lighter version of the original color is **37.1932, -5.5595, -14.9066**, and **7.9556, 0.6796, -11.4108** is the 20% darker color. If you saturate the color by 10%, you get **19.3409, -3.3426, -15.7822**, and if you desaturate by 10%, it is **21.3579, -4.5189, -11.9495**.

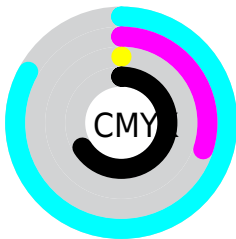
Distribution



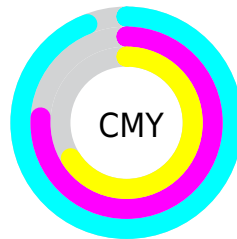
- Red (6%)
- Green (24%)
- Blue (34%)



- Red (6%)
- Yellow (17%)
- Blue (34%)



- Cyan (83%)
- Magenta (30%)
- Yellow (0%)
- Black (66%)



- Cyan (94%)
- Magenta (76%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3154, -4.0435, -13.8679 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 20.3154, -4.0435, -13.8679 by changing the saturation by 10% instead.

■ 20.3154, -4.0435,
-13.8679

■ 20.3154, -4.0435,
-13.8679

■ 118.7595,
-11.7825, -15.8972

■ 13.2099, -3.2431,
-13.4117

■ 37.2815, -5.6490,
-14.7483

■ 6.7272, -3.6576,
-14.8255

■ 46.9653, -6.4701,
-15.1006

0.0000, NaN, -NF

■ 57.3671, -7.3078,
-15.3861

0.0000, NaN, NaN

■ 68.4404, -8.1638,
-15.6063

0.0000, NaN, NaN

■ 80.1466, -9.0389,
-15.7641

0.0000, NaN, NaN

■ 92.4533, -9.9336,

0.0000, NaN, NaN

0.0000, NaN, NaN

-15.8630

0.0000, NaN, NaN

105.3324,
-10.8482, -15.9064

20.3154, -4.0435,
-13.8679

20.3154, -4.0435,
-13.8679

19.3409, -3.3426,
-15.7822

21.3579, -4.5189,
-11.9495

18.6444, -2.8114,
-17.2348

22.4721, -4.7515,
-10.0261

23.6549, -4.7536,
-8.1077

24.9026, -4.5418,
-6.2028

26.2109, -4.1341,
-4.3178

■ 27.5759, -3.5488,
-2.4569

■ 28.9936, -2.8037,
-0.6224

■ 30.4602, -1.9151,
1.1847

■ 31.9722, -0.8979,
2.9643

Harmonies

Analogous

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



20.3157, -9.0027, -9.2121



20.3154, -4.0435, -13.8679



20.3157, 2.3615, -13.7446

Triad

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



20.3157, -4.0433, -13.8675



20.3157, 12.2062, 4.0315



20.3157, -9.1810, 7.7129

Complementary

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



20.3154, -4.0435, -13.8679



19.0970, 11.5382, 10.5658

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.



20.3157, -4.3162, 9.4695



20.3154, -4.0435, -13.8679



20.3157, 8.2682, 7.8389

Square

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



20.3157, -4.0433, -13.8675



20.3157, 12.3031, -2.0116



20.3157, 2.0527, 9.5070



20.3157, -11.7097, 3.7962

Rectangle

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



20.3154, -4.0435, -13.8679



20.3157, 6.6256, -10.9180



20.3157, 2.0527, 9.5070



20.3157, -7.7936, 8.5136

Sweetspot

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



20.3157, -4.0433, -13.8675



35.4720, -4.8925, -3.9478



26.5944, -19.7477, 11.5256



17.3385, -2.4967, -2.1976



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.



20.3157, -4.0433, -13.8675



24.1402, -3.2567, -22.9752



12.3283, 11.4730, -35.5671



14.9977, -1.2509, 0.0507



22.9113, -3.0729, -22.0036



52.6776, -4.6775, -55.7449

Inverse Universe

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



16.4468, 24.8733, -5.3460



19.8777, 36.0857, -5.4507



26.9395, -3.3130, 15.5470



14.6248, 0.6613, 0.2246



18.8535, 34.5283, -5.1901



44.4885, 81.1287, -9.5522

Previews

White Background



This preview shows how the HunterLab color 20.3154, -4.0435, -13.8679 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 20.3154, -4.0435, -13.8679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

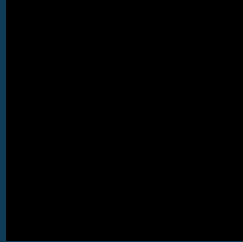
Any Text WCAG AA × Fail

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 20.3154, -4.0435, -13.8679 Background



This preview shows how black text looks on a background with the HunterLab color 20.3154, -4.0435, -13.8679.



This preview shows how white text looks on a background with the HunterLab color 20.3154, -4.0435, -13.8679.

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

20.3154, -4.0435, -13.8679

Protanopia

20.2629, 1.9097, -11.4262

Deuteranopia

20.3054, 1.2060, -14.4250



Tritanopia

20.2397, -9.7768, -4.1926

Trichromacy



Original Color

20.3154, -4.0435, -13.8679

Protanomaly

20.1483, -0.9186, -12.2826

Deuteranomaly

20.0942, -0.7855, -14.8733

Tritanomaly

20.2709, -7.7835, -7.6443

Monochromacy



Original Color

20.3154, -4.0435, -13.8679

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.4134, -3.3418, -3.8544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3154, -4.0435, -13.8679 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(15, 61, 87)` looks like.

```
.text, #text, p{  
    color:rgb(15, 61, 87)  
}
```

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(15, 61, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 61, 87) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3154, -4.0435, -13.8679 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(15, 61, 87) }
```


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

```
.border{ border-color:rgb(15, 61, 87) }
```

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

Here you see how a box with a 4 pixel rgb(15, 61, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 61, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 61, 87);  
box-shadow:4px 4px 4px 4px rgb(15, 61, 87)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.3154, -4.0435, -13.8679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 61, 87) }
```

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

```
.background{ background-color: rgb(15, 61,  
87) }
```

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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