

Converting Colors

HunterLab(20.6534, -4.0479,
-13.8482)

Have a look what the booklet for
HunterLab(20.6534, -4.0479,
-13.8482) contains.

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Color

**HunterLab(20.6616, -4.0609,
-13.8330)**

Conversions

Conversions Part 1

Format	Color
Hex	113E58
RGB	17, 62, 88
RGB Percent	7%, 24%, 35%
CMY	0.9333, 0.7569, 0.6549
CMYK	0.81, 0.30, 0.00, 0.65
HSL	202°, 68%, 21%
HSV	202°, 81%, 35%
XYZ	3.7153, 4.2690, 9.8607
YIQ	51.5090, -35.1660, -1.4540

Conversions

Conversions Part 2

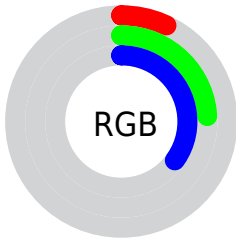
Format	Color
R_{YB}	17, 45, 88
Decimal	1130072
CIE Lab	24.54, -5.06, -19.91
CIE LCh	25, 20.547, 255.747
Yxy	4.2692, 0.2082, 0.2392
Android (android.graphics.Color)	4279320152 (0xFF113E58)
YUV	51.5090, 17.9901, -30.2644
Hunter-Lab	20.6616, -4.0609, -13.8330

Details

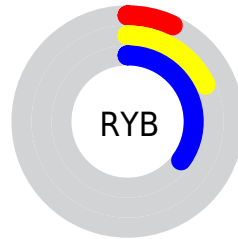
The HunterLab color **20.6616, -4.0609, -13.8330** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **19.6044, 11.1252, 10.6704**, and the grayscale version is **18.3164, -0.9773, 0.9952**.

A 20% lighter version of the original color is **37.6165, -5.4284, -14.8146**, and **8.1699, 0.2989, -10.8571** is the 20% darker color. If you saturate the color by 10%, you get **19.6538, -3.3623, -15.8005**, and if you desaturate by 10%, it is **21.7439, -4.5117, -11.8555**.

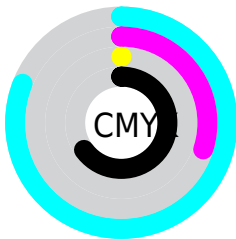
Distribution



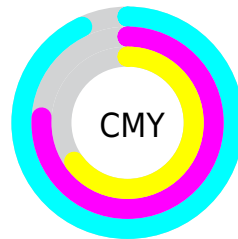
- Red (7%)
- Green (24%)
- Blue (35%)



- Red (7%)
- Yellow (18%)
- Blue (35%)



- Cyan (81%)
- Magenta (30%)
- Yellow (0%)
- Black (65%)



- Cyan (93%)
- Magenta (76%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.6616, -4.0609, -13.8330 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 20.6616, -4.0609, -13.8330 by changing the saturation by 10% instead.

■ 20.6616, -4.0609,
-13.8330

■ 20.6616, -4.0609,
-13.8330

■ 119.3819,
-11.7903, -15.8228

■ 13.5101, -3.2638,
-13.3739

■ 37.7050, -5.6626,
-14.7064

■ 7.0911, -3.4875,
-14.3147

■ 47.4226, -6.4823,
-15.0539

0.0000, NaN, -NF

■ 57.8558, -7.3190,
-15.3344

0.0000, NaN, NaN

■ 68.9586, -8.1741,
-15.5497

0.0000, NaN, NaN

■ 80.6928, -9.0485,
-15.7029

0.0000, NaN, NaN

■ 93.0260, -9.9425,

0.0000, NaN, NaN

-15.7972

0.0000, NaN, NaN

■ 105.9304,
-10.8565, -15.8362

■ 20.6616, -4.0609,
-13.8330

■ 20.6616, -4.0609,
-13.8330

■ 19.6538, -3.3623,
-15.8005

■ 21.7439, -4.5117,
-11.8555

■ 18.7377, -2.6434,
-17.7141

■ 22.8987, -4.7174,
-9.8780

■ 24.1227, -4.6921,
-7.9103

■ 25.4118, -4.4534,
-5.9606

■ 26.7618, -4.0199,
-4.0345

■ 28.1684, -3.4104,
-2.1357

■ 29.6275, -2.6426,
-0.2661

■ 31.1356, -1.7331,
1.5740

■ 32.6889, -0.6966,
3.3847

Harmonies

Analogous

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



20.6620, -9.0438, -9.1990



20.6616, -4.0609, -13.8330



20.6620, 2.3604, -13.7018

Triad

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



20.6620, -4.0607, -13.8326



20.6620, 12.1953, 4.0691



20.6620, -9.2354, 7.7645

Complementary

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



20.6616, -4.0609, -13.8330



19.6044, 11.1252, 10.6704

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.



20.6620, -4.3534, 9.5451



20.6616, -4.0609, -13.8330



20.6620, 8.2527, 7.9005

Square

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



20.6620, -4.0607, -13.8326



20.6620, 12.2988, -1.9861



20.6620, 2.0299, 9.5858



20.6620, -11.7744, 3.8162

Rectangle

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



20.6616, -4.0609, -13.8330



20.6620, 6.6279, -10.8808



20.6620, 2.0299, 9.5858



20.6620, -7.8426, 8.5750

Sweetspot

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



20.6620, -4.0607, -13.8326



36.4737, -4.8683, -3.8537



26.9534, -19.7755, 11.4741



18.1401, -2.5447, -2.2355



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



20.6620, -4.0607, -13.8326



24.7995, -3.2994, -23.3738



12.7985, 11.0730, -34.6905



14.9925, -1.2424, 0.0445



22.7666, -2.8435, -22.3179



52.3170, -4.0893, -56.5640

Inverse Universe

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



16.8036, 24.7124, -5.2941



20.4863, 36.5584, -5.4798



27.3354, -3.4051, 15.6337



14.6242, 0.6584, 0.2323



18.8358, 34.4647, -4.9433



44.4455, 80.9739, -8.9506

Previews

White Background



This preview shows how the HunterLab color 20.6616, -4.0609, -13.8330 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 20.6616, -4.0609, -13.8330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

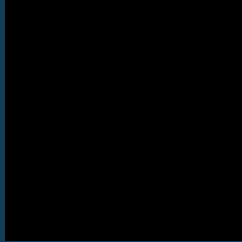
Any Text WCAG AA × Fail

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 20.6616, -4.0609, -13.8330 Background



This preview shows how black text looks on a background with the HunterLab color 20.6616, -4.0609, -13.8330.



This preview shows how white text looks on a background with the HunterLab color 20.6616, -4.0609, -13.8330.

-13.8330.

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

20.6616, -4.0609, -13.8330

Protanopia

20.6021, 1.8846, -11.4102

Deuteranopia

20.6951, 1.3460, -14.3013



Tritanopia

20.5494, -9.9390, -4.2296

Trichromacy



Original Color

20.6616, -4.0609, -13.8330

Protanomaly

20.4838, -0.9639, -12.2709

Deuteranomaly

20.4677, -0.7004, -14.7779

Tritanomaly

20.5945, -7.8883, -7.6613

Monochromacy



Original Color

20.6616, -4.0609, -13.8330

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0823, -3.4136, -3.8399

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.6616, -4.0609, -13.8330 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(17, 62, 88)` looks like.

```
.text, #text, p{  
    color:rgb(17, 62, 88)  
}
```

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(17, 62, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 62, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 20.6616, -4.0609, -13.8330 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(17, 62, 88) }
```


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

```
.border{ border-color:rgb(17, 62, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 62, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 62, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 62, 88);  
box-shadow:4px 4px 4px 4px rgb(17, 62, 88)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.6616, -4.0609, -13.8330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 62, 88) }
```

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

```
.background{ background-color: rgb(17, 62,  
88) }
```

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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