

Converting Colors

HunterLab(20.3667, 1.1797,
-28.0032)

Have a look what the booklet for
HunterLab(20.3667, 1.1797,
-28.0032) contains.

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Color

**HunterLab(20.4682, 0.9635,
-27.6635)**

Conversions

Conversions Part 1

Format	Color
Hex	003B6B
RGB	0, 59, 107
RGB Percent	0%, 23%, 42%
CMY	1.0000, 0.7686, 0.5804
CMYK	1.00, 0.45, 0.00, 0.58
HSL	207°, 100%, 21%
HSV	207°, 100%, 42%
XYZ	4.2178, 4.1895, 14.4963
YIQ	46.8310, -50.5720, 2.4200

Conversions

Conversions Part 2

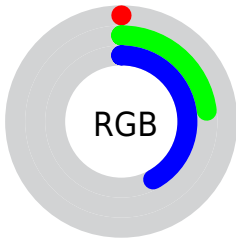
Format	Color
RYB	0, 38, 107
Decimal	15211
CIELab	24.29, 3.36, -32.66
CIELCh	24, 32.834, 275.880
Yxy	4.1896, 0.1842, 0.1829
Android (android.graphics.Color)	4278205291 (0xFF003B6B)
YUV	46.8310, 29.6633, -41.0708
Hunter-Lab	20.4682, 0.9635, -27.6635

Details

The HunterLab color **20.4682, 0.9635, -27.6635** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **22.8924, 15.4624, 14.3761**, and the grayscale version is **16.7220, -0.8922, 0.9085**.

A 20% lighter version of the original color is **37.5678, 0.4808, -28.6094**, and **8.4656, 6.0568, -23.6562** is the 20% darker color. If you saturate the color by 10%, you get **20.4671, 0.9656, -27.6665**, and if you desaturate by 10%, it is **21.8520, -0.5818, -24.2864**.

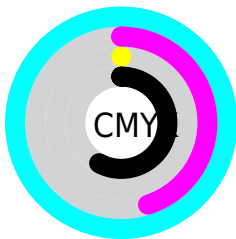
Distribution



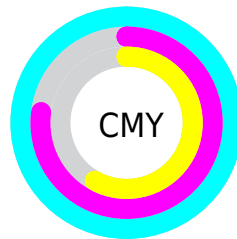
- Red (0%)
- Green (23%)
- Blue (42%)



- Red (0%)
- Yellow (15%)
- Blue (42%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (77%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.4682, 0.9635, -27.6635 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 20.4682, 0.9635, -27.6635 by changing the saturation by 10% instead.

■ 20.4682, 0.9635,
-27.6635

■ 20.4682, 0.9635,
-27.6635

■ 119.0344, -2.7072,
-32.1495

■ 13.3423, 1.0825,
-27.6504

■ 37.4684, 0.4993,
-28.6765

■ 6.8904, 1.7592,
-31.4222

■ 47.1672, 0.1758,
-29.2836

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 57.5829, -0.1991,
-29.8750

0.0000, NaN, NaN

■ 68.6692, -0.6207,
-30.4294

0.0000, NaN, NaN

■ 80.3878, -1.0850,
-30.9369

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.7062, -1.5892,

-31.3934

0.0000, NaN, NaN

105.5965, -2.1306,
-31.7976

20.4682, 0.9635,
-27.6635

20.4682, 0.9635,
-27.6635

20.4671, 0.9656,
-27.6665

21.8520, -0.5818,
-24.2864

23.3085, -1.9203,
-21.0541

24.8766, -2.9069,
-17.8747

26.5493, -3.5595,
-14.7668

28.3184, -3.9050,
-11.7421

■ 30.1758, -3.9734,
-8.8060

■ 32.1141, -3.7947,
-5.9590

■ 34.1260, -3.3971,
-3.1983

■ 36.2054, -2.8063,
-0.5187

Harmonies

Analogous

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



20.4685, -8.5368, -24.4268



20.4682, 0.9635, -27.6635



20.4685, 11.7779, -20.6252

Triad

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



20.4685, 0.9640, -27.6630



20.4685, 17.4367, 9.3348



20.4685, -16.1473, 7.3875

Complementary

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



20.4682, 0.9635, -27.6635



22.8924, 15.4624, 14.3761

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.



20.4685, -11.4058, 11.2241



20.4682, 0.9635, -27.6635



20.4685, 7.5942, 11.9161

Square

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



20.4685, 0.9640, -27.6630



20.4685, 22.4171, 2.9423



20.4685, -3.0723, 12.4617



20.4685, -17.2331, -0.8999

Rectangle

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



20.4682, 0.9635, -27.6635



20.4685, 17.8995, -12.4296



20.4685, -3.0723, 12.4617



20.4685, -14.9810, 9.0843

Sweetspot

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



20.4685, 0.9640, -27.6630



42.7469, -5.1103, -8.2961



32.7349, -25.8862, 14.9663



20.6199, -2.5641, -4.6739



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



20.4685, 0.9640, -27.6630



26.9344, 2.0982, -38.1950



11.0303, 24.9004, -67.5362



18.0993, -1.3594, -0.1232



22.4383, 1.3062, -30.8655



48.8884, 6.1303, -74.3398

Inverse Universe

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



18.5522, 33.4700, -1.2059



24.7743, 44.6083, -0.9021



34.9498, -6.9834, 21.4131



17.7259, 0.8313, 0.4042



20.4466, 36.8635, -1.1144



45.9620, 82.5154, 0.2106

Previews

White Background



This preview shows how the HunterLab color 20.4682, 0.9635, -27.6635 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 20.4682, 0.9635, -27.6635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

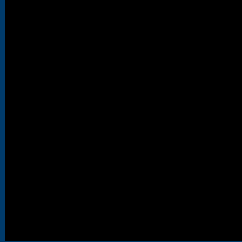
Any Text WCAG AA × Fail

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 20.4682, 0.9635, -27.6635 Background



This preview shows how black text looks on a background with the HunterLab color 20.4682, 0.9635, -27.6635.



This preview shows how white text looks on a background with the HunterLab color 20.4682, 0.9635, -27.6635.

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

20.4682, 0.9635, -27.6635

Protanopia

20.7449, 4.1900, -25.3405

Deuteranopia

20.3663, 0.4141, -26.3500



Tritanopia

20.5189, -10.1193, -3.8022

Trichromacy



Original Color

20.4682, 0.9635, -27.6635

Protanomaly

20.5847, 2.5255, -26.5464

Deuteranomaly

20.4170, 0.6879, -27.0044

Tritanomaly

20.4439, -6.6248, -11.2520

Monochromacy



Original Color

20.4682, 0.9635, -27.6635

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

17.5310, -2.2365, -8.2782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.4682, 0.9635, -27.6635 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, 59, 107)` looks like.

```
.text, #text, p{  
    color:rgb(0, 59, 107)  
}
```

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, 59, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 59, 107) }
```

Border

The CSS property to change the border of an element to HunterLab 20.4682, 0.9635, -27.6635 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, 59, 107) }
```


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

```
.border{ border-color:rgb(0, 59, 107) }
```

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

Here you see how a box with a 4 pixel rgb(0, 59, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 59, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 59, 107);  
box-shadow:4px 4px 4px 4px rgb(0, 59, 107)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.4682, 0.9635, -27.6635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 59, 107) }
```

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

```
.background{ background-color: rgb(0, 59,  
107) }
```

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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