

Converting Colors

HunterLab(19.4580, -7.1858,
-32.8794)

Have a look what the booklet for
HunterLab(19.4580, -7.1858,
-32.8794) contains.

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Color

**HunterLab(21.6352, 0.0244,
-27.0947)**

Conversions

Conversions Part 1

Format	Color
Hex	003F6E
RGB	0, 63, 110
RGB Percent	0%, 25%, 43%
CMY	1.0000, 0.7529, 0.5686
CMYK	1.00, 0.43, 0.00, 0.57
HSL	206°, 100%, 22%
HSV	206°, 100%, 43%
XYZ	4.5920, 4.6808, 15.4133
YIQ	49.5210, -52.6350, 1.2610

Conversions

Conversions Part 2

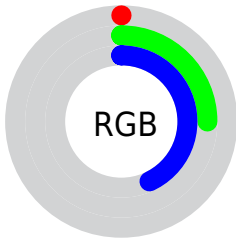
Format	Color
RYB	0, 40, 110
Decimal	16238
CIELab	25.81, 1.91, -32.16
CIElCh	26, 32.212, 273.402
Yxy	4.6810, 0.1860, 0.1896
Android (android.graphics.Color)	4278206318 (0xFF003F6E)
YUV	49.5210, 29.8161, -43.4299
Hunter-Lab	21.6352, 0.0244, -27.0947

Details

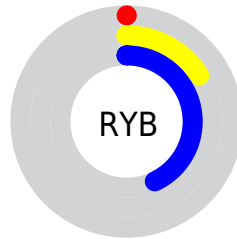
The HunterLab color **21.6352, 0.0244, -27.0947** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **23.1280, 17.0053, 14.5482**, and the grayscale version is **17.6168, -0.9400, 0.9572**.

A 20% lighter version of the original color is **38.8588, -0.4959, -28.2189**, and **9.4028, 5.1421, -22.8531** is the 20% darker color. If you saturate the color by 10%, you get **21.6340, 0.0266, -27.0980**, and if you desaturate by 10%, it is **23.0113, -1.4709, -23.8556**.

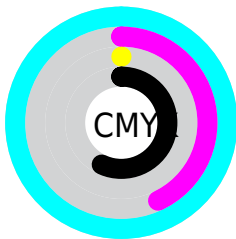
Distribution



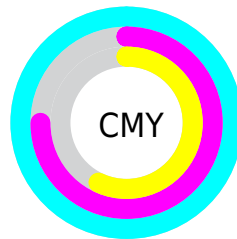
- Red (0%)
- Green (25%)
- Blue (43%)



- Red (0%)
- Yellow (16%)
- Blue (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (57%)



- Cyan (100%)
- Magenta (75%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.6352, 0.0244, -27.0947 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 21.6352, 0.0244, -27.0947 by changing the saturation by 10% instead.

■ 21.6352, 0.0244,
-27.0947

■ 21.6352, 0.0244,
-27.0947

■ 121.1197, -4.3882,
-31.5162

■ 14.3573, 0.2662,
-26.9522

■ 38.8917, -0.6468,
-28.1597

■ 8.0171, 0.6107,
-28.5462

■ 48.7026, -1.0610,
-28.7610

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.2228, -1.5204,
-29.3392

0.0000, NaN, NaN

■ 70.4074, -2.0213,
-29.8766

0.0000, NaN, NaN

■ 82.2189, -2.5607,
-30.3650

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.6258, -3.1363,

-30.8014

0.0000, NaN, NaN

107.6006, -3.7460,
-31.1850

21.6352, 0.0244,
-27.0947

21.6352, 0.0244,
-27.0947

21.6340, 0.0266,
-27.0980

23.0113, -1.4709,
-23.8556

24.4609, -2.7508,
-20.7324

26.0219, -3.6733,
-17.6416

27.6883, -4.2543,
-14.6021

29.4527, -4.5191,
-11.6271

■ 31.3074, -4.4968,
-8.7246

■ 33.2451, -4.2172,
-5.8973

■ 35.2589, -3.7086,
-3.1449

■ 37.3425, -2.9970,
-0.4644

Harmonies

Analogous

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



21.6355, -9.2826, -23.1485



21.6352, 0.0244, -27.0947



21.6355, 10.7825, -21.0129

Triad

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



21.6355, 0.0249, -27.0942



21.6355, 17.8525, 9.1582



21.6355, -16.0937, 7.9961

Complementary

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



21.6352, 0.0244, -27.0947



23.1280, 17.0053, 14.5482

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.



21.6355, -10.9608, 11.7035



21.6352, 0.0244, -27.0947



21.6355, 8.3822, 12.1220

Square

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



21.6355, 0.0249, -27.0942



21.6355, 22.2098, 2.2596



21.6355, -2.3113, 12.7811



21.6355, -17.5079, 0.0368

Rectangle

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



21.6352, 0.0244, -27.0947



21.6355, 17.0248, -13.2254



21.6355, -2.3113, 12.7811



21.6355, -14.7998, 9.6315

Sweetspot

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



21.6355, 0.0249, -27.0942



43.8446, -5.6305, -8.1154



33.6869, -26.8087, 15.7680



20.7591, -2.7848, -4.4759



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.



21.6355, 0.0249, -27.0942



28.2461, 0.7675, -36.9621



11.5114, 25.0449, -68.4491



18.9417, -1.4721, -0.1052



23.5882, 0.2417, -30.0050



50.9705, 3.4793, -71.2196

Inverse Universe

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



19.1682, 34.6947, -2.1275



25.3528, 45.8070, -2.1410



35.4829, -6.4155, 21.7515



18.5217, 0.9038, 0.3736



20.9941, 37.9781, -2.1323



46.6695, 84.0853, -2.1087

Previews

White Background



This preview shows how the HunterLab color 21.6352, 0.0244, -27.0947 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 21.6352, 0.0244, -27.0947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

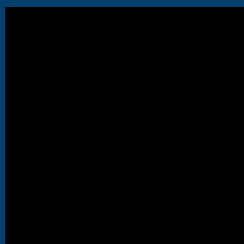
Any Text WCAG AA × Fail

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 21.6352, 0.0244, -27.0947 Background



This preview shows how black text looks on a background with the HunterLab color 21.6352, 0.0244, -27.0947.



This preview shows how white text looks on a background with the HunterLab color 21.6352, 0.0244, -27.0947.

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

21.6352, 0.0244, -27.0947

Protanopia

21.8281, 4.1943, -24.2586

Deuteranopia

21.8499, 0.7559, -26.5524



Tritanopia

21.7653, -10.7736, -3.9476

Trichromacy



Original Color

21.6352, 0.0244, -27.0947

Protanomaly

21.5402, 2.0940, -25.7414

Deuteranomaly

21.7690, 0.4811, -26.7558

Tritanomaly

21.6476, -7.4825, -10.9051

Monochromacy



Original Color

21.6352, 0.0244, -27.0947

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.7279, -2.9262, -7.9208

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.6352, 0.0244, -27.0947 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, 63, 110)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 110)  
}
```

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, 63, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 21.6352, 0.0244, -27.0947 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, 63, 110) }
```


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

```
.border{ border-color:rgb(0, 63, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 63, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 63, 110);  
box-shadow:4px 4px 4px 4px rgb(0, 63, 110)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.6352, 0.0244, -27.0947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 110) }
```

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

```
.background{ background-color: rgb(0, 63,  
110) }
```

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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