

Converting Colors

HunterLab(36.2194, -24.8820,
8.4420)

Have a look what the booklet for
HunterLab(36.2194, -24.8820,
8.4420) contains.

| | |
|---|----|
| HunterLab(36.2151, -24.8979, 8.4818) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**HunterLab(36.2151,
-24.8979, 8.4818)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 007453 |
| RGB | 0, 116, 83 |
| RGB Percent | 0%, 45%, 33% |
| CMY | 1.0000, 0.5451, 0.6745 |
| CMYK | 1.00, 0.00, 0.28, 0.55 |
| HSL | 163°, 100%, 23% |
| HSV | 163°, 100%, 45% |
| XYZ | 7.8067, 13.1153, 10.3037 |
| YIQ | 77.5540, -58.5430, -34.8550 |

Conversions

Conversions Part 2

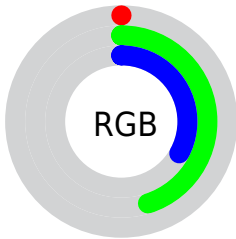
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 68, 116 |
| Decimal | 29779 |
| CIELab | 42.94, -36.69, 10.48 |
| CIELCh | 43, 38.159, 164.066 |
| Yxy | 13.1158, 0.2500, 0.4200 |
| Android (android.graphics.Color) | 4278219859 (0xFF007453) |
| YUV | 77.5540, 2.6849, -68.0149 |
| Hunter-Lab | 36.2151, -24.8979, 8.4818 |

Details

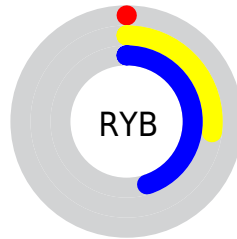
The HunterLab color **36.2151, -24.8979, 8.4818** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **19.5529, 34.0446, 8.2795**, and the grayscale version is **27.4483, -1.4646, 1.4913**.

A 20% lighter version of the original color is **56.1830, -30.5736, 10.6670**, and **20.3820, -15.0264, 6.9620** is the 20% darker color. If you saturate the color by 10%, you get **36.2157, -24.8987, 8.4827**, and if you desaturate by 10%, it is **36.3914, -24.0344, 7.5556**.

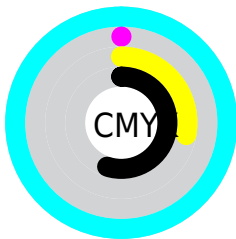
Distribution



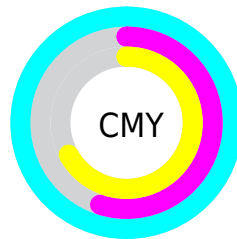
- Red (0%)
- Green (45%)
- Blue (33%)



- Red (0%)
- Yellow (27%)
- Blue (45%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (55%)



- Cyan (100%)
- Magenta (55%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.2151, -24.8979, 8.4818 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 36.2151, -24.8979, 8.4818 by changing the saturation by 10% instead.

36.2151, -24.8979,
8.4818

36.2151, -24.8979,
8.4818

145.4850,
-47.7212, 18.9508

27.4014, -21.7487,
7.2960

56.1353, -30.6071,
10.7960

19.4474, -18.2927,
6.0663

67.1334, -33.2608,
11.9435

12.4595, -15.1343,
4.7858

78.7686, -35.8196,
13.0923

5.7024, -9.9792,
3.9917

91.0076, -38.3027,
14.2460

0.0000, NaN, NaN

0.0000, NaN, NaN

103.8222,
-40.7245, 15.4071

0.0000, NaN, NaN

117.1874,

0.0000, NaN, NaN

-43.0960, 16.5775

0.0000, NaN, NaN

131.0814,
-45.4259, 17.7584

36.2151, -24.8979,
8.4818

36.2151, -24.8979,
8.4818

36.2157, -24.8987,
8.4827

36.3914, -24.0344,
7.5556

36.6160, -22.9711,
6.6413

36.9240, -21.5741,
5.7824

37.3228, -19.8252,
4.9937

37.8174, -17.7183,
4.2877

■ 38.4111, -15.2577,
3.6747

■ 39.1057, -12.4563,
3.1623

■ 39.9015, -9.3339,
2.7559

■ 40.7976, -5.9150,
2.4584

Harmonies

Analogous

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



36.2158, -19.2494, 16.2494



36.2151, -24.8979, 8.4818



36.2158, -25.0688, -5.0323

Triad

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



36.2158, -24.8982, 8.4821



36.2158, 5.0438, -34.0142



36.2158, 20.1849, 15.9220

Complementary

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



36.2151, -24.8979, 8.4818



19.5529, 34.0446, 8.2795

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.



36.2158, 29.0268, 7.8064



36.2151, -24.8979, 8.4818



36.2158, 19.4043, -22.5198

Square

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



36.2158, -24.8982, 8.4821



36.2158, -9.2262, -33.6018



36.2158, 28.7206, -6.0303



36.2158, 5.9844, 19.2536

Rectangle

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



36.2151, -24.8979, 8.4818



36.2158, -22.1351, -16.1035



36.2158, 28.7206, -6.0303



36.2158, 23.9745, 13.8393

Sweetspot

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



36.2158, -24.8982, 8.4821



51.7713, -16.8147, 4.2398



35.8402, -28.1948, 21.5906



25.1307, -8.8373, 2.1759



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



36.2158, -24.8982, 8.4821



47.9914, -33.1545, 11.5859



30.0919, -10.8433, -14.2037



20.3430, -2.7746, 1.2120



38.3602, -26.4018, 9.0470



84.5906, -58.8344, 21.2757

Inverse Universe

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



19.5529, 34.0446, 8.2795



25.8839, 44.9953, 11.5452



20.8187, 27.9863, 13.3177



19.2780, 0.7342, 0.9856



20.7054, 36.0396, 8.8755



45.5650, 79.0326, 21.6823

Previews

White Background



This preview shows how the HunterLab color 36.2151, -24.8979, 8.4818 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 × Fail

Black Background



This preview shows how the HunterLab color 36.2151, -24.8979, 8.4818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

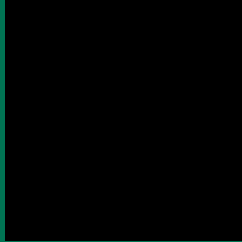
Any Text WCAG AA × Fail

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 36.2151, -24.8979, 8.4818 Background



This preview shows how black text looks on a background with the HunterLab color 36.2151, -24.8979, 8.4818.



This preview shows how white text looks on a background with the HunterLab color 36.2151,

-24.8979, 8.4818.

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

36.2151, -24.8979, 8.4818

Protanopia

36.0795, -3.0651, 10.9422

Deuteranopia

35.9868, 2.4844, 7.3628



Tritanopia

36.2450, -14.8015, -6.9923

Trichromacy



Original Color

36.2151, -24.8979, 8.4818

Protanomaly

34.8393, -14.7569, 8.6210

Deuteranomaly

34.6819, -12.0354, 6.1092

Tritanomaly

36.1469, -19.1312, -0.8771

Monochromacy



Original Color

36.2151, -24.8979, 8.4818

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

29.8523, -12.8339, 3.0967

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.2151, -24.8979, 8.4818 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, 116, 83)` looks like.

```
.text, #text, p{  
    color:rgb(0, 116, 83)  
}
```

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, 116, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 116, 83) }
```

Border

The CSS property to change the border of an element to HunterLab 36.2151, -24.8979, 8.4818 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, 116, 83) }
```


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

```
.border{ border-color:rgb(0, 116, 83) }
```

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

Here you see how a box with a 4 pixel rgb(0, 116, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 116, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 116, 83);  
box-shadow:4px 4px 4px 4px rgb(0, 116, 83)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 36.2151, -24.8979, 8.4818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 116, 83) }
```

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

```
.background{ background-color: rgb(0, 116,  
83) }
```

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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